

# College of Charleston

2013-2014

Undergraduate Catalog

<http://catalogs.cofc.edu>

The information contained in this catalog is intended for informational purposes only. Although this catalog presents policies and programs as accurately as possible at the time of publication, the College of Charleston reserves the right to revise any section or part without notice or obligation. Administrative regulations are not catalog specific and are subject to change at any time.

## Equal Opportunity Policy

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It is the Policy of the College of Charleston to promote and protect a learning and living environment where civil discourse, respect for the individual and appreciation for the diversity of human experiences are valued as compelling academic interests. Accordingly, it is a violation of this Policy for any member of the College Community to discriminate or harass students or employees, or applicants for admission to the College or applicants for any College employment position, based on gender, sexual orientation, gender identity or expression, age, race, color, religion, national origin, veterans' status, genetic information, or disability, as proscribed by law and as further described below. In addition, discrimination against members or potential members of the United States Uniform Services, as proscribed by the Uniformed Services Employment and Reemployment Rights Act (USERRA), is also prohibited under this Policy. Retaliation against any person arising from the good faith reporting of a suspected violation of this Policy, or for participating in an investigation of discrimination under this Policy, is strictly prohibited.

Complaints of discrimination including sexual harassment and abuse may be conveyed to or filed with: (1) Director of Human Relations ("HRel"): for Complainants who are employees, students, College volunteers, College invitees or employees of College contractors alleging Discrimination on College owned or leased property ("College Property"); (2) An Associate Provost: for Complainants who are faculty and administrative staff employed by Academic Affairs and who elect not to file with the Senior Vice President for Legal Affairs, or Office of Human Relations and Minority Affairs; (3) Dean of Students: for Complainants who are students only; or (4) Senior Vice President for Legal Affairs: for all of the foregoing. (see College Policy No. 9.1.10 at <http://policy.cofc.edu/policy.php> for more details on the College's Policy).

## Accreditation

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The College of Charleston is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award the Artium Baccalaureatus, the Bachelor of Arts, the Bachelor of Science, the Master of Arts, the Master of Arts in Teaching, the Master of Business Administration, the Master of Science, the Master of Education, and the Master of Public Administration.

Contact: Southern Association of Colleges and Schools Commission on Colleges at 1866 Southern Lane Decatur, GA 30033-4097 or call 404.679.4500 for questions about the accreditation of the College of Charleston.

## Disclaimer

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The College of Charleston Undergraduate and Graduate Catalogs serve as guides to the academic requirements, institutional policies, and programs of study particular to the institution. They are not contracts. Prospective and currently enrolled students, faculty, and academic advisors use them as reference tools. *The policies, procedures, and offerings set forth in the catalogs can be changed at any time, in accordance with established procedures, without prior notice.*

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# Academic Calendar 2013-2014

## Fall 2013

### August

- 19 Convocation
- 20 Fall Semester and Express I Classes Begin
- 22 Last day to Drop/Add Express I classes
- 26 Last Day to Drop/Add Fall Semester classes

### September

- 19 Last day to withdraw from Express I classes with a grade of "W"

### October

- 4 Last day of Express I classes
- 7-8 Express I exams
- 9 Express II begins
- 11 Last day to Drop/Add Express II classes
- 12 Fall Break Holiday (SD)
- 13 Fall Break Holiday (SD)
- 14 Fall Break Holiday (SD)
- 15 Fall Break Holiday (SD)
- 16 Classes resume
- 23 Last day to withdraw from Fall Semester classes with a grade of "W"

### November

- 13 Last day to withdraw from Express II classes with a grade of "W"
- 27-30 Thanksgiving Holiday

### December

- 1 Thanksgiving Holiday
- 2 Last Day of Fall Semester and Express II classes
- 3 Reading Day (SD) - no classes
- 4 Fall Semester and Express II Exams Begin
- 11 Fall Semester and Express II Exams End
- 14 Commencement

## Spring 2014

### January

- 8 Spring Semester and Express I classes begin
- 10 Last day to Drop/Add Express I classes
- 14 Last day to Drop/Add Spring Semester classes
- 20 Martin Luther King Jr. Holiday, observed

### February

- 1 Designated Storm Make-Up Day (SD)
- 7 Last day to withdraw from Express I classes with a grade of "W"
- 25 Last day of Express I classes
- 26 - 27 Express I exams
- 28 Express II classes begin

### March

- 1 Spring Break begins
- 10 Classes resume

- 11 Last day to Drop/Add Express II classes
- 17 Last Day to withdraw from Spring Semester classes with a grade of "W"

### April

- 7 Last day to withdraw from Express II classes with a grade of "W"
- 23 Last Day of Spring Semester and Express II classes
- 24 Reading Day (SD)
- 25 Spring Semester and Express II Exams Begin

### May

- 2 Spring Semester and Express II Exams End
- 10 Commencement

*SD: Potential storm make-up day*

*Dates are subject to change. Please refer to the Registrar's Office website for the most up-to-date academic calendars.*

*The Academic Calendars apply to all credit-bearing courses offered, regardless of the location of instruction or the mode of delivery.*

# Summer Sessions Calendar Summer 2014

## Maymester May 15 - June 2

### May

- 15 Classes begin, Drop/Add
- 26 Memorial Day Holiday
- 28 Last day to withdraw from classes with a grade of "W"
- 30 Last Day of classes

### June

- 2 Final Exams 8:30am - 11:30am

## May Evening May 14 - June 25

### May

- 14 Classes begin
- 15 Drop/Add
- 26 Memorial Day Holiday

### June

- 10 Last Day to withdraw from classes with a grade of "W"
- 19 Last day T/R classes
- 23 Last day M/W classes
- 24 Final Exams T/R classes
- 25 Final Exams M/W classes

## Summer I Day June 4 - July 3

### June

- 4 Classes begin, Drop/Add
- 23 Last day to withdraw from classes with a grade of "W"

### July

- 1 Last day of classes
- 2 Final Exams  
7:45am MTWRF, 7:45am - 10:45am  
11:45am MTWRF, 11:45am - 2:45pm
- 3 Final Exams  
9:45am MTWRF, 9:45am - 12:45pm  
1:45pm MTWRF, 1:45pm - 4:45pm

## Summer Evening June 30 - August 7

### June

- 30 Classes begin

### July

- 1 Drop/Add
- 4 Independence Day Holiday
- 24 Last day to withdraw from classes with a grade of "W"

### August

- 4 Last day of M/W classes
- 5 Last day of T/R classes
- 6 Final Exams M/W classes
- 7 Final Exams T/R classes

## Summer II Day July 10 - August 8

### July

- 10 Classes begin, Drop/Add
- 28 Last day to withdraw from classes with a grade of "W"

### August

- 6 Last day of classes
- 7 Final Exams  
7:45am MTWRF, 7:45am - 10:45am  
11:45am MTWRF, 11:45am - 2:45pm
- 8 Final Exams  
9:45am MTWRF, 9:45am - 12:45pm  
1:45pm MTWRF, 1:45pm - 4:45pm

*Dates are subject to change. Please refer to the Summer Sessions website for the most up-to-date academic calendars.*

*The Academic Calendars apply to all credit-bearing courses offered, regardless of the location of instruction or the mode of delivery.*



# About College of Charleston

## Core Purpose

To pursue and share knowledge through study, inquiry and creation in order to empower the individual and enrich society.

## Core Values

**Educational Excellence** that furthers intellectual, creative, ethical and social development through a broad range of programs centered on the liberal arts and sciences.

**Student-Focused Community** that embraces mutual respect, collaboration and diversity for the welfare of the individual and the institution.

**The History, Traditions and Environment of Charleston and the Lowcountry** that foster distinctive opportunities and relationships that advance our public mission in the city of Charleston, state of South Carolina, and the world.

## Statement of Institutional Mission

The College of Charleston is a state supported comprehensive institution providing a high quality education in the arts and sciences, education and business. Consistent with its heritage since its founding in 1770, the College retains a strong liberal arts undergraduate curriculum. Located in the heart of historic Charleston, it strives to meet the growing educational demands primarily of the Lowcountry and the state and, secondarily, of the Southeast. A superior quality undergraduate program is central to the mission of the College.

The College of Charleston seeks applicants capable of successfully completing degree requirements and pays particular attention to identifying and admitting students who excel academically. The College of Charleston serves a diverse student body from its geographical area and also attracts students from national and international communities. The College provides students a community in which to engage in original inquiry and creative expression in an atmosphere of intellectual freedom. This community, founded on the principles of the liberal arts tradition, provides students the opportunity to realize their intellectual and personal potential and to become responsible, productive members of society.

In addition to offering a broad range of baccalaureate degree programs, the College currently provides an increasing number of masters degree programs which are compatible with the community and the state. As a prominent component of the state's higher education system, the College encourages and supports research. Its faculty are important sources of knowledge and expertise for the community, state, and nation.

Additionally, the College provides an extensive credit and non-credit continuing education program and cultural activities for residents of the Lowcountry of South Carolina.

*Approved by the Board of Trustees of the College of Charleston on July 14, 2006.*

## Executive Officers of the Administration

**P. George Benson**  
President

**George W. Hynd**  
Provost/Executive Vice President for Academic Affairs

**Stephen C. Osborne**  
Executive Vice President for Business Affairs

**Victor K. Wilson**  
Executive Vice President for Student Affairs

**George P. Watt**  
Executive Vice President for Institutional Advancement

**Michael R. Haskins**  
Executive Vice President for External Relations

**Kathryn C. Bender**  
Senior Vice President for Legal Affairs and General Counsel

## College of Charleston Board of Trustees

**Gregory D. Padgett, Chair**

**G. Lee Mikell, Vice Chair**

**Frank M. Gadsden, Secretary**

**Donald H. Belk**

**John H. Busch**

**Demetria Noisette Clemons**

**L. Cherry Daniel**

**Renee Bodie Goldfinch**

**Henrietta U. Golding**

**David M. Hay**

**Pansy King-Reid**

**Annaliza Oehmig Moorhead**

**Toya D. Pound**

**Daniel Ravenel**

**Renee Buyck Romberger**

**Jeffrey M. Schilz**

**Edward L. Thomas, Jr.**

**Joseph F. Thompson, Jr.**

**Ricci Land Welch**

**John B. Wood, Jr.**

**Elizabeth W. Kassebaum** - Executive Secretary to the Board of Trustees

# Admissions Information

## Office of Admissions

843.953.5670  
 admissions@cofc.edu  
 transfer@cofc.edu  
 international@cofc.edu  
 www.cofc.edu/admissions

### For adult students:

843.953.5620  
 adu@cofc.edu  
 www.cofc.edu/admissions

The College of Charleston encourages applications from all academically qualified persons. There is no discrimination in the admission process based on the applicant's gender, sexual orientation, gender identity or expression, age, race, color, religion, national origin, veterans' status, genetic information, or disability. Applicants who do not initially meet the College of Charleston's admission requirements can be considered for admission when there is sufficient evidence to suggest the ability to do satisfactory work at College of Charleston.

### The following policies and procedures are applicable to all applicants and matriculating students:

Final, official copies of all secondary and collegiate transcripts from each institution attended must be filed prior to enrollment. Failure to provide information regarding each institution attended or to submit official transcripts may result in withdrawal of any offer of admission, restrictions on registration and/or dismissal from the College. For some applicants, we may require additional documentation specific to application questions.

### Financial Aid

Federal financial aid is only available to students in a degree-seeking status.

### Distance Education

Students, who take courses via mixed modalities, including distance education and online courses, must meet all appropriate admission requirements. Admissions applications for all students, including those intending to access coursework online may be accessed and filed online or by mail, email or fax.

### Risk Management Assessment

All applicants are required to answer questions relating to their criminal and disciplinary history, as outlined in College of Charleston, Policy 8.1.5 "Policy on admitting applicants for enrollment with a criminal or disciplinary history". This policy can be found online at <http://policy.cofc.edu/documents/8.1.5.pdf>.

### Privacy and Security Policies

Information on the privacy and security policies governing applicants' personal information can be found online at

<http://policy.cofc.edu/documents/10.18.pdf> and  
<http://policy.cofc.edu/documents/11.1.pdf>.

### Appeal of admissions decision

Every student that is not offered admission to the College has the right to appeal their decision. The committee only accepts student-written letters of appeal. An applicant should only appeal if there is substantial new information that the committee was not aware of at the time of the original decision. An applicant should not appeal just to request a second review of their application. Generally, the committee will review (freshmen) appeals after the deposit deadline for each semester (May 1 for fall, January 1 for spring). Transfer students may email an appeal request (with additional necessary documentation) at any time to [transfer@cofc.edu](mailto:transfer@cofc.edu). Freshmen students may email an appeal request to [admissions@cofc.edu](mailto:admissions@cofc.edu), and the subject must be marked "Appeal of admissions decision for {insert name of student}" with the appropriate name inserted as indicated.

### Health Requirements

All students are required to complete a health form and show proof of immunization. Health forms may be downloaded from our website at <http://studenthealth.cofc.edu>. Physical exams are not required.

## Admissions Procedures

### Freshman Admission (degree seeking)

A freshman applicant is a person who has not attended a university, college, or technical school. Applicants who attended a post-secondary institution while still in high school are also classified as freshmen.

Freshman applicants must have earned either a high school diploma or its equivalent, the General Educational Development Test (GED) prior to enrolling. The results of the GED will normally be used in place of the high school diploma only if the applicant left secondary school at least two years before intended enrollment at the College of Charleston. The minimum acceptable GED score for admission is the score used for awarding an equivalent secondary school diploma in the state where the test was taken. All students are required to submit final transcripts verifying graduation or, if a GED is submitted in place of a high school diploma, a record complete through the most recent period of high school attendance.

Application requirements, deadlines, and detailed information can be found at

<http://admissions.cofc.edu/applyingtothecollege/freshmen>.

Options for fall admission include early notification and priority filing deadlines. Consideration of scholarship awards require that application deadlines are met.

## Decision-Making Process

Both quantitative and qualitative components guide the office of admissions in reaching their final decisions. The admissions committee carefully weighs the student's academic preparation (which includes grades, rank in class, and rigor of courses taken), SAT/ACT results, personal statements and essays, leadership qualification, and special talents. A slightly higher profile is required of out-of-state students. Special circumstances are considered and each application is reviewed and evaluated individually by admissions professionals.

### Applicants for freshman admission must submit:

1. A completed application form with a nonrefundable application fee.
2. Official high school records complete up to the time of application.
3. Results (including the writing assessment) of the SAT or ACT.\* Admissions candidates must request that the results of the tests be sent to the College of Charleston directly from the testing agency. The College's ACT code no. is 3846 and SAT code no. is 5113.

Students choosing to complete the SAT will not be required to submit the results of the SAT II (subject tests). If submitted, however, the College may use them for placement purposes. The College of Charleston requires the TOEFL, IELTS, PTE, or the SAT for international students from non-English speaking countries.

4. Students who completed post-secondary work, including dual-credit, while in high school must submit official transcripts of their college work whether or not they expect to receive credit.

To be well prepared for the challenging academics at the College of Charleston, freshman applicants should take a rigorous secondary school program of study that includes a variety of subjects. The following curriculum shows the best preparation for enrollment at the College of Charleston. This curriculum will also ensure that South Carolina students are in compliance with the course requirements from the SC Commission on Higher Education for entry into S.C. four year colleges.

The College of Charleston admissions committee can consider applicants who have not taken all of these courses due to circumstances beyond their reasonable control. Students must address these deficiencies in a statement to the office of admissions.

Area	Units
English	4
Mathematics	4
Laboratory science	3 (4 recommended)
Foreign language	3
(At least two must be from the same foreign language.)	
Social science	3
(One unit of U.S. history is required; a half unit of economics and a half unit in government are strongly recommended.)	
Fine Arts	1
Physical Education or ROTC 1	1
Electives	1

A college preparatory course in computer science (programming, not keyboarding) is recommended. Other acceptable electives include college preparatory courses in English, fine arts, foreign languages, humanities, laboratory science, mathematics or social sciences.

## Transfer Admission (degree seeking)

Students who have previously attended either a two-year or four-year college should apply as transfer students and submit an official transcript from each college or university attended. A final official transcript is required from each college or university attended, whether or not credit was earned or courses completed. Failure to provide information regarding each college or university attended or failure to submit transcripts may result in withdrawal of any offer of admission, restrictions on registration and/or dismissal from the college.

Transfer applicants to the undergraduate program must be eligible to return to the last institution attended. Transfer admission guidelines strongly suggest a minimum cumulative GPA of 2.6 (instate), 3.0 (out of state) from all previous institutions attended, calculated on a 4.0 scale. Special circumstances are considered and each application is reviewed and evaluated individually by admissions professionals. Freshman credentials are also evaluated unless a student has completed 24 semester hours or more.

Application requirements and deadlines can be found at <http://admissions.cofc.edu/applyingtothecollege/transfers>.

A link to the College of Charleston policy related to the statewide transfer articulation of coursework from South Carolina two-year colleges is located at <http://admissions.cofc.edu/applyingtothecollege/transferringcredits>.

## Readmit Students (degree seeking)

For undergraduate students returning after an absence from the College of Charleston, a cumulative College of Charleston GPA of a 2.0 or greater is required for admission. If a student has attended another college or university in the interim, official transcripts must be submitted for review.

For students who left the College with less than a 2.0 overall GPA, the Office of Undergraduate Academic Services will individually evaluate and make a decision on the readmission of the candidate based on their current potential for academic success. If a student has attended another college or university in the interim, official transcripts must be submitted for review.

Application requirements and deadlines can be found at <http://admissions.cofc.edu/applyingtothecollege/transfers>.

Readmit applicants with a College of Charleston GPA of less than 2.0 must meet specified application deadlines: Fall term - May 1; Spring term - Nov 1.

*Note: For additional details see the Readmission section of the catalog.*

## Second Degree Students (degree seeking)

Students interested in applying to the College of Charleston for a second degree of any kind should apply as transfer students.

## International Students (degree seeking)

International applicants, being defined as anyone applying who is not a citizen of the United States, regardless of present residence, are required to provide additional documentation. In addition to submitting freshman or transfer application materials, international students must provide proof of their English proficiency and certification that they have adequate funds to meet their educational expenses.

These documents include but are not limited to:

1. A copy of their current passport ID page, national ID card or VISA ID page.
  - (a) A copy of the (F1-type, J1 type, H-type, R-type, J-type, etc.) visa ID card is required, if applicable.
  - (b) A copy of the student's permanent residency card is required, if applicable.
  - (c) Documentation from the U.S. State Department regarding progress towards either a permanent residency card or naturalization proceedings accompanied by a personal statement from the student outlining the anticipated timeline for establishing residency is required, if applicable.
2. An official copy of secondary and post-secondary transcripts, with English translations.
3. A course-by-course evaluation of post-secondary work (university-level course work or 13th year of secondary school) from any non-U.S. institution. For transfer credit to be issued an official evaluation must be submitted from a credential evaluation agency. The list of approved evaluation services include <http://admissions.cofc.edu/applyingtothecollege/international-students/visasandcredentialing.php> :
  - (a) AACRAO's International Education Services
  - (b) World Education Services, Inc.
4. An official copy of the applicant's TOEFL, IELTS or PTE for international students from non-English-speaking countries. Please take note of the following:
  - (a) For applicants from English-speaking countries such as the U.K. or Australia, an SAT or ACT may be required for admissions consideration. We encourage all students who have taken standardized testing (SAT and/or ACT) to submit those scores in addition to any other testing they wish to submit.
  - (b) English proficiency testing may be waived for applicants who have attended a U.S. university for at least one year. Grades received at the US institution

will have an impact on the decision to waive the TOEFL, IELTS or PTE score.

- (c) The minimum suggested score for the internet-based TOEFL is 80. **Note:** *we may not offer admission if any score is below 20 on an individual exam component. The minimum suggested score for the paper-based TOEFL is 550. The minimum suggested overall band score for the IELTS is 6.5 (academic format only).*
5. Applicants must provide a certificate of finances that gives specific information on their ability to meet the financial demands of tuition, fees and cost of living at the College of Charleston. The documentation to be provided includes:
  - (a) The certificate itself completed and appropriately signed by all involved parties.
  - (b) Bank statements, wage statements, and/or letters from the bank confirming the ability of the applicant to pay.
6. Special circumstances are considered and each application is reviewed and evaluated individually by admissions professionals.

Application requirements and deadlines can be found at <http://admissions.cofc.edu/applyingtothecollege/transferringcredits/internationalstudents.php>. Please allow 2-4 months for completion of these requirements.

## International Students (non-degree seeking and exchange)

International applicants seeking to enroll for credit courses without intent on earning a degree from the College of Charleston need to complete a non-degree application (please see <http://admissions.cofc.edu/applyingtothecollege/otherapplicants/nondegree.php> for the application and additional information) and must provide proof of their English proficiency and certification that they have adequate funds to meet their educational expenses.

International students seeking to enroll into one of the College of Charleston formal bi-lateral exchange programs are required to complete the non-degree admissions application and submit it to the contact individual of the programs. Please refer to <http://international.cofc.edu/study-abroad/bilateral.php> for information regarding the various offerings.

## English Language Institute

The ELI program is designed to enhance your English language skills needed in academic, professional and social settings. Our instructors are trained in teaching English as a second language (ESL) to create a rewarding and enjoyable classroom experience for you. For information and application, see <http://englainst.cofc.edu/>. We offer programs in Intensive English Language, English for Professionals Seminar, and the English Language and U.S. Culture Summer Program.

## Non-Degree Admission

843.953.5620

<http://admissions.cofc.edu/applyingtothecollege/otherapplicants>

Students who fit in one or another of the following categories and wish to take credit courses at the College of Charleston, but do not want to earn a degree, may apply to the College as a non-degree student:

- Visiting students
- Adult students
- Senior citizens
- Non-degree students under 21

Applicants under 21 years of age applying for admission as non-degree students must submit:

1. A completed non-degree application for admission.
2. Non-degree applicants who have not attended college must submit their secondary school transcript(s) and results of either the SAT or ACT.
3. Non-degree applicants who have attended college must submit a transcript from each college attended, including coursework completed during a summer term.
4. All applicants must also submit any additional items requested in the application materials or by the Office of Admissions.

### Dual Enrollment

Students who wish to take courses at the College prior to high school graduation should complete the application for dual enrollment located at

<http://admissions.cofc.edu/applyingtothecollege/otherapplicants/dualenrolledhighschoolstudents.php>. All requested transcripts and official signatures are necessary before being considered for enrollment.

College of Charleston participates in Teacher Cadet coursework at selected local high schools. Participating high school students can receive college credit of three hours for EDFS 105 following successful completion of this course. Contact the School of Education, Health, and Human Performance at 843.953.5613 for additional information.

## Adult and Transfer Student Scholarships, Grants and Financial Assistance

Scholarships and grants may be available to specific categories of adult and transfer students. For information, go to

[http://admissions.cofc.edu/pv\\_obj\\_cache/pv\\_obj\\_id\\_E09D2114BEFE565A286A896CB64821EF2CC20000/filename/non%20degree%20financial%20add%20app.pdf](http://admissions.cofc.edu/pv_obj_cache/pv_obj_id_E09D2114BEFE565A286A896CB64821EF2CC20000/filename/non%20degree%20financial%20add%20app.pdf)

## Placement/Transfer Credit

The College awards credit for Advanced Placement (AP), International Baccalaureate (IB) and selected College Level Examination Program (CLEP) exams, based on the student's scores. Credits awarded by exam score can be viewed at <http://admissions.cofc.edu/applyingtothecollege/transferringcredits/transfercreditpolicies.php>. AP and IB exam results must be sent directly to the College of Charleston for credit evaluation. Credit cannot be transferred from another college or university transcript. Likewise, credit will not be awarded for individuals sitting for AP exams after graduating from high school.

Credits awarded at another institution as a result of placement testing are not acceptable. In addition, the College of Charleston does not award transfer credit for life experience and/or work experience gained prior to admission. Transfer credit is also not awarded for military training or for non-credit bearing coursework completed toward a professional certificate.

The College of Charleston's policy on transferring course credits from other institutions is established by the designated faculty in each academic discipline. In general transfer credit is awarded when the course is:

- earned at a school accredited by a regional accreditation association
- graded at least a "C" (2.0 on a 4.0 scale)
- similar in description to the corresponding course at the College of Charleston
- not a duplication of credits already earned

Coursework over ten years old may be subject to an additional review to determine if transfer credit will be awarded.

The maximum number of transfer credits acceptable toward a College of Charleston degree is ninety-two (92) credit hours total. Sixty (60) credit hours total are the maximum from two-year schools. Students may decline transfer credit, prior to enrolling at the College of Charleston, in order to add another transfer course(s) without going over the maximum hours of transfer credit allowed. Students may not decline transfer credit after enrolling at the College of Charleston in order to take a course at another institution as a transient or cross-registered student.

Grades do not transfer, only credits; therefore, students will enter the College of Charleston without a grade point average (GPA).

Students offered admission to the College of Charleston may use Degree Works to view an updated list of awarded and pending transfer credit. The "Class History" link in Degree Works provides the best view of transfer credit, although the information is also visible in the degree audit area.

## Transfer from South Carolina Colleges/Universities

Information about transfer of courses to the College of Charleston from other South Carolina colleges/universities is available on-line through SC TRAC (<http://www.sctrac.org>). The direct link to College of Charleston information is <http://www.sctrac.org/tabid/476/Default.aspx?iid=361>. The information on SC TRAC is informational and does not replace an official transfer credit evaluation which is completed after an applicant has been accepted to the College of Charleston.

For those students who transfer from the Associate in Arts or Associate in Science programs at South Carolina public, two-year colleges, there is an agreement identifying transferable courses. Brochures are available at the Office of Admissions, or at this link:

<http://admissions.cofc.edu/applyingtothecollege/transferringcredits/scpublictwoyearcollegestudents.php>.

## International Baccalaureate Program

Students who have taken college-level courses in secondary school and who have achieved a score of 4, 5, 6, or 7 on a higher-level (HL) International Baccalaureate (IB) examination will be awarded credit, unless otherwise noted on the web at

<http://admissions.cofc.edu/applyingtothecollege/transferringcredits/transfercreditpolicies.php>.

## College Entrance Examination Board Advanced Placement Examinations

The Advanced Placement (AP) Program of the College Entrance Examination Board is accepted at the College of Charleston. Students who have taken college-level courses in secondary school and have achieved a score of 3, 4, 5, or 6 on an AP examination will be awarded advanced placement credit. No more than six to eight credit hours will be granted in any one exam. The College of Charleston's placement tests and departmental interviews may be required for final awarding of credit. For more information, go to

<http://admissions.cofc.edu/applyingtothecollege/transferringcredits/transfercreditpolicies.php>.

## College Entrance Examination Board College Level Examination Program (CLEP)

The CLEP Subject Examinations accepted by the College of Charleston for credit and placement are listed on the website at

<http://admissions.cofc.edu/applyingtothecollege/transferringcredits/transfercreditpolicies.php>.

The passing grade for each examination will be the score recommended for credit by the academic department at the College. When the credit is given, the student's record will show that the credit comes from a CLEP examination. No native speaker of a language other than English will be

awarded foreign language credit for proficiency in his or her first language.

## South Carolina Governor's School for Science and Mathematics

Effective August 2012, the College of Charleston began awarding transfer credit for selected science and math courses completed with a grade of "B" (85%) or higher at the South Carolina Governor's School for Science and Mathematics. A list of accepted courses, along with College of Charleston credit awarded, is available at

<http://admissions.cofc.edu/applyingtothecollege/transferringcredits/transfercreditpolicies.php>.

## College of Charleston Policy on Language Placement Credit

To fulfill the language requirement, entering students may take any language other than English offered by the College. However, students who wish to continue a language studied in high school or elsewhere must take a departmentally-approved placement exam in the language. The placement exam score determines the level at which the student will continue his or her study of the language. Note that students of Spanish do not take a placement exam, rather are placed according to their years of high school study of the language (see <http://spanish.cofc.edu/undergrad-progs/placement-guidelines.php> for placement procedures). Transfer students with college credit in a foreign language who wish to continue in the same language will be placed into the appropriate level in that language, based on their transcript. Transfer students with college credit in a foreign language who wish to continue in a different language may take the placement exam if they wish to study any language we offer except for Spanish. Those who wish to take classes in Spanish will be placed according to their previous study of Spanish. Students who present two or more years of high school study in a language other than Spanish and who do not place in the LANG 102 course or higher may take the LANG 101 course, but may want to consider starting a new language. Students who place in a 300-level course will have satisfied the College's minimum degree requirement in languages.

### Advanced Placement (CEEB)

The Advanced Placement (AP) Program of the College Entrance Examination Board (CEEB) is accepted by the College of Charleston. A student who has taken college-level courses in foreign language or literature will be awarded advanced placement (AP) credit in accordance with the following scale:

### AP Modern Language Exam

(French, German, Italian, Spanish) Score of 4 or 5 = six credit hours for 202 and a higher level course (FREN 390, GRMN 390, ITAL 390, SPAN 275); score of 3 = six credit hours for 201 and 202. A score of 3 or higher fulfills the general education requirement in a foreign language. The student may enroll in an advanced language course.

**AP Literature Exam**

(French, German, Spanish) Score of 4 or 5 = six credit hours for 202 and 300-level literature course (FREN 321, GRMN 365, SPAN 320); 3 = six credit hours for 201 and 202. A score of 3 or higher fulfills the general education requirement in a foreign language. The student may enroll in an advanced language course.

**AP Latin Exam**

(All forms): Score of 4 or 5 = six credit hours for 202 and LATN 301; score of 3 = six credit hours for 201 and 202.

A score of 3 or higher fulfills the general education requirement in a foreign language. The student may enroll in an advanced language course.

**The International Baccalaureate (IB) Exam**

IB is accepted by the College of Charleston. A student will be awarded credits towards graduation for the following Higher Language (HL) language scores:

Classical Greek (Higher Level exam only): IB Score of 4 = three credit hours, for GREK 201; IB Score of 5, 6, or 7 = six credit hours, for GREK 201 and GREK 202.

French B (Higher Level exam only): IB score of 4 = six credit hours, for FREN 101 and 102; IB score of 5 = nine credit hours, for FREN 101, 102, and 201; IB score of 6 or 7 = twelve credit hours, for FREN 101, 102, 201, and 202.

German B (Higher Level exam only): IB score of 4 = six credit hours, for GRMN 101 and 102; IB score of 5 = nine credit hours, for GRMN 101, 102, and 201; IB score of 6 or 7 = twelve credit hours, for GRMN 101, 102, 201, and 202.

Latin (Higher Level exam only): IB Score of 4 = three credit hours, for LATN 201; IB Score of 5, 6, or 7 = six credit hours, for LATN 201 and LATN 202.

Spanish B (Higher Level exam only): IB score of 4: = six credit hours, for SPAN 101 and 102; IB score of 5 or 6 = nine credit hours, for SPAN 101, 102, and 201; IB score of 7 = twelve credit hours, for SPAN 101, 102, 201, and 202.

A student with a score of 6 or 7 on the Higher Level IB exam in Classical Greek, French B, German B, or Latin has satisfied the general education requirement in languages. A student with a score of 7 on the Spanish B Higher Level IB exam has satisfied the general education requirement in languages.

Students may receive language credits in the form of transfer credits from a college or university or based on their scores on an AP or IB test. No credits will be received based on individual college/university placement tests.

Students with scores of 4,5,6 or 7 on French A, German A, or Spanish A exams receive three credit hours towards the general education Humanities requirement (HUMS 1GG). Language credit is not awarded for language "A" exams.

## Verification of Lawful Presence

*Section 17 of the South Carolina Illegal Immigration Reform Act (codified at S.C. Code Ann.59-101-430) requires South Carolina public Colleges and universities to verify the lawful presence in the United States of their students prior to registration for classes.*

The College of Charleston will attempt to verify student citizenship via legally authorized federal or state data bases before asking students to submit proof of citizenship. If a student's status cannot be verified through one of these data bases, then during new student orientation and/or prior to registration of classes the student will need to do one of the following:

1. File a FAFSA (Free Application for Federal-Student Aid ) to College of Charleston- our code number is 003428;
2. Present a valid South Carolina driver's license issued after January 1, 2002;
3. Present a current U.S. Passport;
4. Present an original U.S. or U.S. Territory Birth Certificate (not hospital certificate), Certification of Naturalization, U.S. Government-issued Consular Report of Birth Abroad of Certificate of Citizenship.

Please note that original documents must be presented for verification and that no photo copies are acceptable. However, we only need to view the original documents, and they will not be retained by the College of Charleston.

You may direct questions about the College's policy and procedures regarding this matter to the Office of the Registrar, 160 Calhoun Street, Lightsey Center, room 281. You may also contact this office by phone at 843.953.5668 or send email inquiries to [lawfulpresence@cofc.edu](mailto:lawfulpresence@cofc.edu).

**NOTE:**

*International students should contact the Center for International Education by phone at 843.953.7661.*

# Financial Information

Treasurer's Office  
843.953.5572  
<http://treasurer.cofc.edu>

## Basic Fees, Expenses and Additional Charges

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<http://treasurer.cofc.edu/financial.html>

As a state-affiliated institution, the College of Charleston bases its fees in part on appropriations granted by the South Carolina General Assembly. Accordingly, the fees charged by the College will be directly affected by the action of the legislature and are therefore subject to change without notice.

## Legal Residency for Tuition and Fee Purposes

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843.953.7312  
<http://legalresidency.cofc.edu>

Rules regarding the establishment of legal residence for tuition and fee purposes for institutions of higher education are governed by Title 59, Chapter 112 of the 1976 South Carolina Code of Laws, as amended. The guidelines for residency determinations for fee and tuition purposes are governed by South Carolina Code of Laws and South Carolina Commission of Higher Education regulations.

## Bill Due Date Policy

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<http://treasurer.cofc.edu/financial.html>

All fees are due and payable in full before or on the due date shown on the first bill for the semester. Cancellation of a student's registration will occur if payment is not received on time.

## Billing Procedures and Methods of Payment

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<http://treasurer.cofc.edu>

## Refund Policy

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The College of Charleston refund policy governing pro-rata adjustments to student charges is located at <http://treasurer.cofc.edu/tuition-and-fees/refund-policy.php>. This policy is updated yearly and includes the dates that

coincide the applicable percentage refunds to student charges based on the date of the change of enrollment. This policy applies to all students and all programs, whether one is in state or out of state, Undergraduate or Graduate. The same policies apply regardless of the mode of delivery of the course.



# Financial Assistance and Scholarships

843.953.5540

<http://finaid.cofc.edu/>

## Satisfactory Academic Progress (SAP) Policy for Financial Aid Eligibility

Federal financial assistance programs are authorized under Title IV of the Higher Education Act of 1965 as amended, and require the establishment of minimum standards of academic progress that students must meet to maintain eligibility for financial aid. While students meeting these standards are generally eligible for aid, some aid programs require higher standards that may preclude the student from qualifying for those programs. The Satisfactory Academic Progress (SAP) Policy for Financial Aid Eligibility applies to all federal, state, and most institutional aid programs. This policy applies to all students seeking or receiving assistance whether or not aid may have been received previously.

### UNDERGRADUATE STUDENTS

The undergraduate student category includes students pursuing their first or subsequent undergraduate degree(s), teacher certification, multiple major and/or minor concentrations.

The GPA requirement (Qualitative Standard): Students must meet the minimum criteria listed below:

Total Credit Hours Earned	Cumulative GPA
00-19	1.50
20-59	1.80
60 or more	2.00

The total credit hours (inclusive of transfer, AP, CLEP, etc.) posted as earned hours must be included when determining the appropriate Qualitative Standard cumulative GPA for each incremental assessment. Since the acceptance of transfer credits can occur any time, the transfer student's standards may differ from one assessment period to another.

The Pace to Completion (Quantitative Standard): Pace to Completion is calculated as hours earned divided by hours attempted. Students are allowed one and a half times the normal time frame to complete their first undergraduate degree. Students are allowed 150% of the normal time frame to complete their first undergraduate degree. CofC requires a minimum of 122 credit hours for an undergraduate degree; therefore, the SAP policy requires the degree to be completed within the maximum time frame of 183 attempted hours. Students must meet a minimum Pace to Completion.

The required Pace to Completion rates are:

Total Credit Hours Earned	Pace to Completion
00-19	65%
20 or more	67%

The minimum cumulative percentage of credit hours completed does not consider hours attained through AP, IB, CLEP, unaccepted transfer credits, audit or non-credit courses, e.g., cooperative education experiences, developmental and continuing education, and EDLS 100 Learning Strategies. *NOTE: Courses with withdrawn status must be counted in attempted hours. Therefore, if the student wishes to drop a course from his/her schedule, it is important to drop the class prior to the end of the Add/Drop Period. Otherwise, the course will be included in the total attempted hours.*

### GENERAL INFORMATION APPLICABLE TO ALL STUDENTS:

**Withdrawal:** Students will be evaluated based on the number of enrolled hours at the end of the Add/Drop period. Withdrawn courses are included in the attempted hour calculation.

**SAP Suspension:** Students who are not in compliance with the SAP policy at the annual review, which occurs after spring term grades are available, will be placed on SAP suspension making them ineligible to receive financial aid. Students on SAP suspension may appeal.

**Termination of Aid:** Students who are dismissed from the College of Charleston for any reason are terminated from financial aid.

**SAP Probation:** Students who file successful appeals may be continued on financial aid for an additional semester after which they must be re-evaluated. E.G., a student files an appeal at the end of spring term and it is approved and the student chooses to enroll in summer school, then the student would be re-evaluated for full SAP compliance at the end of summer. The student may need to file another appeal and be approved in order to receive any financial aid awarded for the fall term.

**Readmit Policy:** Students applying for readmission to the College are eligible for financial aid if: (1) they meet the SAP standards in effect at the time of readmission; or (2) they file an appeal and it is approved.

**Repeat/Transfer Credits:** Repeated courses and transfer hours accepted by CofC will be counted in both attempted hours and hours earned.

**Academic Forgiveness:** The SAP policy will not automatically apply to any hours or grades forgiven. Students who have been granted forgiveness must contact the Office of Financial Aid for further assistance.

**Second Degrees:** Students who are completing a second degree will be required to appeal once they reach their maximum time frame. This appeal will require documentation from the student's academic department indicating the number of credit hours needed to complete their second degree.

**Change of major:** Students who need to remain enrolled beyond their maximum time frame (183 attempted hours for

undergraduates) due to a change of major will be required to submit an appeal.

**SAP Appeal form:** The SAP Appeal form is available via the financial aid download forms website at <http://finaid.cofc.edu/>. Appeals for reinstatement of eligibility are the responsibility of the student. The appeal must be submitted within the published time frame and include the term for which reinstatement is requested. Appeals must specifically reflect the unique circumstances that were beyond the control of the student. The appeal must provide a specific resolution to circumstances and supporting documentation as indicated on the appeal form.

Students submitting an appeal remain ineligible to receive aid during the appeal process. Students whose appeals are approved may have their eligibility for aid reinstated. Financial aid may be awarded if the student meets routine eligibility criteria, subject to availability of funds.

Aid programs covered by SAP standards include the Federal: Pell, SEOG, and TEACH Grants, College Work Study, loans such as Perkins, Subsidized/Unsubsidized Stafford Direct, and PLUS.

### **Satisfactory Academic Progress (SAP) Appeal Calendar**

**Summer:** Students appealing eligibility for this period must have submitted an appeal by the **first weekday in June**.

**Fall:** Students appealing eligibility for the academic year may submit an appeal from the **second Monday in May, until the last weekday in September**. Students who are attempting to make up deficiencies from the previous academic year in the summer are strongly encouraged to appeal for the fall semester immediately after summer grades are available in MyCharleston.

**Spring:** Students appealing for the Spring Semester may submit an appeal from the **first weekday in January, until the last weekday in February**.

The SAP Policy is subject to change. For the most current policy see our website at: <http://finaid.cofc.edu/>.

## **Return of Title IV Funds Policy**

The Return of Title IV Funds Policy applies only to federal financial aid programs. Federal regulations require each educational institution to have a written tuition and fees refund policy (see "basic fees and expenses") and a Return of Title IV Funds policy to be applied to students who withdraw during a term for which aid has been received. The Return of Title IV Funds Policy applies if the student completely terminates enrollment (i.e., cancels his/her registration, withdraws, or is dismissed) or stops attending classes before completing more than 60 percent of the enrollment or payment period.

The amount of Title IV aid that a student must repay is determined in accordance with the federal formula for return of Title IV funds as set forth in Section 668 of the Higher Education Act. This law also specifies the order of return of

the Title IV funds to the program from which they were awarded.

A repayment may be required when aid has been credited to a student's account from financial aid funds in excess of the amount of aid the student earned during the term. The amount of Title IV aid earned is determined by multiplying the total Title IV aid (other than federal work study) for which the student is qualified by the percentage of time during the term that the student was enrolled.

If less aid was disbursed than was earned, the student may receive a late disbursement for the difference. If more aid was disbursed than was earned, the amount of Title IV aid that must be returned (i.e., that was unearned) is determined by subtracting the earned amount from the amount actually disbursed.

The responsibility for returning unearned aid is allocated between the College of Charleston (CofC) and the student, according to the portion of disbursed aid that could have been used to cover CofC charges and the portion that could have been disbursed directly to the student once CofC charges were covered. CofC will distribute the unearned aid back to the Title IV programs as specified by law. The student will be billed for the amount the student owes to the Title IV programs and any amount due to CofC resulting from the return of Title IV funds used to cover charges.

## **U.S. Department of Education Consumer Service Office**

For general information about planning and paying for college, repaying federal student loans, and resolving disputes, please go to: <http://studentaid.gov>. To access your individual federal student aid history, please go to: [www.nsls.ed.gov](http://www.nsls.ed.gov).

# Academic Regulations

Students at the College of Charleston undertake a rigorous course of study that demands a significant time commitment to the academic regimen. As a part of their academic responsibility, all students must devote adequate time to their studies. Many support services on campus are devoted to helping students achieve academic success. Information on specific support services may be found in the student support services section of this catalog.

*All undergraduate students at the College of Charleston are required to be familiar with and adhere to the following academic policies.*

## Degree Requirements

### Bachelor of Arts and Bachelor of Science Degrees

The trustees and faculty of the College of Charleston are authorized by the charter of the College to confer the bachelor of arts and the bachelor of science degrees. (See individual schools for a complete list of majors and degrees offered.)

In order to graduate with either a bachelor of arts or bachelor of science degree, the student must meet three types of degree requirements:

1. Liberal arts and sciences general education degree requirements: a distribution requirement of 14 to 18 courses designed to introduce the student to the principal areas of intellectual inquiry and to teach the student basic intellectual skills.
2. Major requirements: the courses specified for the student's major program, which are designed to provide concentrated study in a specialized field.
3. Electives: courses chosen by the student as a means of studying subjects of particular interest.

To be eligible for graduation, the student must have:

1. Satisfied the general education degree requirements by earning credit in the courses specified and/or successfully passing approved placement exams offered in their stead.
2. Earned credit in courses required for the major, with a minimum grade point average (GPA) of 2.0 in all major courses (or for interdepartmental majors such as urban studies, all courses in the area of concentration). Some programs require a GPA greater than a 2.0; see specific major requirements in the "Schools" section of the catalog.
3. Earned a total of 122 credit hours, with a minimum grade point average of 2.0 in all courses taken at the College (i.e., at least twice as many quality points as quality hours).

***It is the responsibility of the student to meet the requirements for graduation as listed above.***

Courses numbered 100 or below may carry credit, but are not counted as part of the 122 credit hour minimum needed for the degree nor do they count toward the GPA. No more than eight credit hours of physical education activity 100 level courses (including PEAC/PEHD/THTR cross-listed dance/activity courses) may be counted as part of this minimum.

### Artium Baccalaureatus (A.B.)

For all majors except Classics, completion of all required courses in any major, 18 credit hours in Latin or 18 credit hours in Ancient Greek, and six credit hours in courses in classical civilization such as:

- ARTH 220 Greek and Roman Art
- CLAS 101 Greek Civilization
- CLAS 102 Roman Civilization
- CLAS 103 Classical Mythology
- CLAS 104 Introduction to Classical Archaeology
- CLAS 105 History of the Classical World
- CLAS 121 Classical Greece (travel course)
- CLAS 122 Bronze Age Greece (travel course)
- CLAS 203 Special Topics
- CLAS 221 Field Methods in Classical Archaeology I
- CLAS 222 Field Methods in Classical Archaeology II
- CLAS 242 Images of Women in Classical Antiquity
- CLAS 253 Ancient Epic
- CLAS 254 Tragedy
- CLAS 255 Comedy
- CLAS 256 Ancient Satire
- CLAS 270 Romans in Cinema
- CLAS 301 Topics in Ancient Greek Literature
- CLAS 302 Topics in Latin Literature
- CLAS 303 Topics in Classical Civilization
- HIST 230 Ancient Egypt and Mesopotamia
- HIST 231 Ancient Greece
- HIST 232 Ancient Rome
- PHIL 201 History of Ancient Philosophy

*NOTES: The registrar as well as the Classics department maintains a list of courses that can be used to satisfy this requirement. Classics majors should refer to the School of Languages, Cultures, and World Affairs section of this catalog for A.B. degree requirements. An A.B. Degree will replace the B.A. or B.S. degree normally earned with a major, unless the student meets the requirements for a second degree.*

*The student must have earned a grade point average of 2.5 or higher in the courses used to satisfy the classical languages and classical civilization requirements. Students should select the A.B. degree of their major when declaring online through Program of Study Management (POSM) system. If a student has already declared a major under a different degree, they can use the Change Degree feature in POSM to submit a request for the A.B. degree.*

### Senior-Year Residency

The senior year of work for the degree must be completed in residence at the College of Charleston. However, candidates

who have *earned more than 60 credit hours at the College of Charleston* may petition the Office of the Registrar and the chair of the department of their major to complete up to seven of their final 37 credit hours at another institution (see "Courses Taken Elsewhere"). For study abroad, the determination in advance for credit in excess of seven credit hours to be awarded during the senior year will be made by the College academic department concerned (see "Study Abroad").

## Second Bachelor's Degree

A student who has previously earned a bachelors degree from the College of Charleston and wishes to pursue further undergraduate work may either complete an additional major and have it noted on the permanent record (with date of completion)\* or earn a second degree if it is different from the first (i.e., a B.A. if the first degree was a B.S. and vice versa\*\*). This student must apply for re-admission for the second degree, and then:

- Must earn a minimum of 31 additional credit hours (beyond the 122 currently required for degree) in residence at CofC.
- Meet all degree and College graduation requirements for the second degree program in the catalog under which he or she enters, or in a subsequent catalog.
- Meet all prerequisite and course requirements in the major field(s) for the second degree.

A College of Charleston student may earn more than one baccalaureate degree (i.e., B.A., A.B., B.S.) concurrently at the College of Charleston, if he or she meets the following requirements:

- Earns a minimum of 153 credit hours, including a minimum of 63 credit hours in residence at College of Charleston.
- Meets all degree and College graduation requirements for both degree programs.
- Meets all prerequisite and course requirements in two different major fields.

Students who hold a baccalaureate degree from another institution may earn a second baccalaureate degree at the College of Charleston by meeting the following requirements:

- Complete a minimum of 31 credit hours at the College of Charleston with at least 15 taken in the major field at the 200 level or above.
- Meet all prerequisite and course requirements in the major field and degree requirements for the second baccalaureate degree program.
- Earn a cumulative grade point average of 2.0 or higher in course work completed for the major and second baccalaureate degree programs. Some programs require a GPA greater than a 2.0; see specific major requirements in the "Schools" section of the catalog.

*NOTE: A student may not earn a BA and a BS in the same subject, even with the additional 31 credit hours for another degree.*

*\*CofC students completing a major in the same degree program previously awarded will not receive a second diploma. However, the*

*permanent record (transcript) will reflect the additional major. In the case of multiple majors in different degree programs, the student will choose the degree to be earned and posted on the diploma if the student has not satisfied the requirements to be awarded more than one degree as noted above (earned less than 153 credit hours).*

*\*\*Students earning an A.B. degree will earn that degree in place of the B.A. or B.S. normally earned with the major.*

## Catalog Year Policy

### For Students Admitted or Readmitted Fall 2013 Forward:

Students must fulfill the general education and the degree requirements, and must abide by the academic regulations in effect at the time of their matriculation at the College of Charleston. Matriculation is defined as the first term of degree seeking enrollment or first term of readmission at the College. This catalog year remains fixed during the period of time a student is continuously enrolled. Students must fulfill the major requirements in the catalog at the time of major declaration. Requirements for concentrations, cognates, or tracks associated with a major are attached to the catalog year of that major. For more than one major and for all minors, requirements are associated with the catalog year of each declaration. A change of degree (AB, BA, BS) does not warrant a catalog change except when new degrees are offered within existing majors. Continuously enrolled students have the option to update their catalog year to the current year for each major or minor.

Students can submit a request to update their catalog year to the current term for a major or minor through the POSM (Program of Study Management) system.

## Liberal Arts and Sciences General Education Requirements

Students are urged to pay special attention to both the selection of and scholastic emphasis on the courses within the liberal arts and sciences general education degree requirements. These courses are designed to provide the students with a solid foundation for further study and an essential part of the undergraduate's education.

The College may administer placement examinations to determine the level at which entering students are prepared to begin their work in a foreign language and mathematics.

For all undergraduate degrees, the total number of credit hours must include the following:

**First-Year Experience:** All students who have completed less than one year of college when they enter the College of Charleston must complete a First-Year Seminar (FYSM) or a Learning Community (LC) during their first year. (Further information on completing the requirement can be found in the First Year Experience section).

**English:** complete ENGL 110, Introduction to Academic Writing, a four-credit-hour course in effective writing, critical reading, gathering and using information. (A degree candidate must enroll in ENGL 110 in the first year and each semester after that until the English requirement has been fulfilled.)

**History:** six credit hours: complete one course in pre-modern history and one course in modern history from the list of

approved courses satisfying the history requirement. The two courses do not have to be taken from the same department or in sequence.

**Natural Science:** eight credit hours: an introductory or higher sequence from one of the following: astronomy, biology, chemistry, geology, or physics, of which two credit hours must be earned in the accompanying laboratories.

**Mathematics or Logic:** six credit hours of approved courses in mathematics or logic, in any combination.

**Foreign Languages, Classical or Modern:** (ENGL excluded) 0 – 16 credit hours: satisfactory completion of 202 or its equivalent, or demonstration of proficiency at that level. (For foreign language courses that range from 101 – 202, successful completion of a higher-level course prohibits the student from taking a lower-level course in the same language for credit.)

*NOTE: Native Speakers of Languages Other Than English: No native speaker of a language other than English will be awarded foreign language placement credit for proficiency in his or her first language. However, a student whose native language is not English, who has received formal instruction or can demonstrate a high level of literacy in his or her first language, may be exempted from further language study. Such students may exempt the general education requirement for language study by successfully completing a minimum of 12 credit hours at the College. For waivers, contact the School of Languages, Cultures, and World Affairs.*

**Social Science:** six credit hours from one or two of the following: anthropology, communication (selected courses), economics, political science, psychology, or sociology. (For a listing of social science courses, visit the Office of the Registrar's website.)

**Humanities:** 12 credit hours from the following areas with no more than six credit hours in any one of the following areas:

1. British or American literature
2. Any foreign literature
3. Art history (not courses in studio art)
4. Music (not courses in practice or performance of music)
5. Theatre (not courses in practice or performance of theatre)
6. History (excluding the classes used to satisfy the general education history requirement)
7. Philosophy
8. Religious studies

*(Certain interdisciplinary courses may also be applied to the humanities requirement. For a listing of humanities courses, visit the Office of the Registrar's website.)*

## First-Year Experience

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The First-Year Experience is an academic course(s) designed to provide students with the skills that are necessary for success at the College of Charleston. All students who have completed less than one year of college when they enter the College of Charleston must complete a First-Year Seminar

(FYSM), Learning Community (LC), or an Honors College First-Year Experience course during their first year. FYE course descriptions, credit hours and the requirements that each course will satisfy can be found in the *First-Year Experience Academic Guide for 2012-2013* or at [fye.cofc.edu](http://fye.cofc.edu).

A First Year Seminar, a Learning Community, or an Honors College First Year Experience course will satisfy elective, general education, or major requirements. A First-Year Seminar (FYSM) focuses on topics within or across academic disciplines of study. First-Year Seminars are small courses (generally between 20-25 students), with narrow topics of study, taught by roster faculty members. A Learning Community links two or more courses, often around an interdisciplinary theme or problem. All Learning Communities and First-Year Seminars include a weekly Synthesis Seminar. The Synthesis Seminar includes an hour of discussion and reflection led by a Peer Facilitator who is an upper-level student at the College. Most FYE courses contain social events and class trips that allow FYE students to get to know faculty and peers outside of the classroom.

Successful completion of the First-Year Experience is part of the general education curriculum that is required for graduation. Students required to complete a First-Year Experience must complete it within their first three consecutive academic terms. For students entering in the Fall, the consecutive terms include Fall, Spring and Summer. For students entering in the Spring, the consecutive academic terms include Spring, Summer, and Fall. Once students begin the FYE, they must be continuously enrolled until they have completed the requirement. Failure to complete the requirement in the first two academic terms will result in a registration hold until the requirement is completed in the third academic term. Students who fail to complete the requirement in their first three academic terms must satisfy the requirement by continuously enrolling in a Learning Strategies class until they successfully pass the course.

## Major Requirements

Declaring your major is instrumental to your academic success at the College of Charleston. This will help you plan the most efficient and beneficial path to your degree. Currently enrolled, degree-seeking undergraduate students must declare a major no later than the second semester of their sophomore year. Specific declaration deadlines will be determined by the department through which you are advised. Failure to do so may result in a registration hold and/or delay of graduation. Students can submit their major declaration requests online through the Program of Study Management (POSM) channel located on the Academic Services tab in MyCharleston.

At least 15 credit hours in the major at the 200 level or above must be earned at the College of Charleston. Students may complete a double major by fulfilling the requirements of two major programs. If both are completed at the time of graduation under one degree, both majors will be listed on the diploma. If the two majors are different degree categories (BS, BA, AB), the student will choose which degree he or she will earn, unless the requirements have been met for two separate degrees (i.e., 153 credit hours, including all degree requirements). Please see the Second Bachelor's Degree

policy, located in the beginning of the Academic Regulations Section, for additional information. All majors completed will be recorded on the transcript. A student may not earn a BA and a BS in the same subject, even with the additional 31 hours for another degree.

## Concentrations and Minors

In addition to completing a major, a degree-seeking student may elect to pursue a program of study organized around a particular theme within the major discipline (a concentration) or outside the major discipline (a minor). A student may not complete a major and a minor in the same subject. Either program must include a minimum of 18 credit hours selected from a formally designated group. At least nine credit hours in the minor at the 200 level or above must be earned at the College of Charleston. Successful completion of such a program of study requires a grade point average of at least 2.0 in all courses taken which comprise it. Credit may be received for up to two minors. Courses used to satisfy the requirements of a concentration or minor may not be applied toward another concentration or minor.

These courses may be selected from a single department or from several, and interdisciplinary courses may be included. Students must formally declare the concentration area or minor requests online through the Program of Study Management (POSM) channel located on the Academic Services tab in MyCharleston in order to have the degree audit and transcript reflect credit for work done in that concentration or minor.

## Degree Works Degree Audit

Degree Works is an online degree audit application and academic advisement tool that provides a clear and convenient method for students and advisors to track degree progress. It is intended to assist students in reaching their academic goals and better understand degree requirements. Degree Works is designed to aid and facilitate academic advising, but is not intended to replace face-to-face advising sessions, the Undergraduate Catalog or the Registrar's Office.

Your degree audit is an unofficial check of the requirements you have completed and the requirements you have remaining. While unofficial, it should be an accurate reflection of your progress in meeting degree requirements. If you believe there is an error in your degree audit, it is your responsibility to print/screenshot a copy of your audit and contact the Registrar's Office. If you do not understand how to read your audit, please make an appointment to meet with your advisor.

## Application for Graduation/ Completion of Degree Requirements

Students should formally apply to graduate online via MyCharleston in their senior year. The application deadline is October 1st for fall graduation and February 1st for spring graduation. The Graduation Application is required before a degree will be awarded. All students are issued College of Charleston e-mail accounts and are expected to read their e-

mail routinely. All official notifications about graduation are e-mailed to this account.

Students can obtain a printed copy of their degree audit from Degree Works on MyCharleston. After printing the degree audit, they should review the audit with their major academic advisor and report any discrepancies to the Graduation Coordinator in the Office of the Registrar. This audit will list remaining degree requirements as well as requirements completed and in-progress. The audit assumes successful completion of courses in progress. The degree audit is dynamic and changes as students revise their course schedules and progress with their academic career.

While academic advisors and the Office of the Registrar continue to assist students with requirements for graduation, students are ultimately responsible for ensuring that they have met all degree requirements for graduation. More information concerning graduation can be found on the Office of the Registrar website.

## Declaration of Additional Programs of Study after Application for Graduation

All undergraduate students must declare all majors (concentrations, cognates, and tracks, if applicable) and minors, regardless of when completion of these programs of study is intended, prior to applying for graduation. After application for graduation, students must re-apply for admission to the College in the Admissions Office and declare the additional program(s) of study.

*NOTE: Students who graduate in the spring semester and return in the summer term to take classes will be matriculated as non-degree. Those students will be unable to declare a major until their degree-seeking status begins in the fall. Only a second degree or major may be earned at this point; any minors or concentrations must be attached to a major.*

## In the Classroom

### Academic Calendar

The Academic Calendar at the College of Charleston is to be drafted by the Office of the Registrar and approved by the Office of Academic Affairs. The academic year will be based on three major terms, fall, spring and summer. Fall and spring will each have 14 weeks of class time and eight days for final exams. Each fall and spring term will also be divided evenly into two express sessions, Express I and Express II. The summer term is divided into five parts of term entitled Maymester, May Evening, Summer I Day, Summer II Day and Summer Evening. Each full term or part of term class will have meeting times configured and assigned for a minimum of 700 minutes per credit hour. The Academic Calendar is to be published online by the Registrar's Office at least a year in advance of a semester.

## Attendance

Since class attendance is a crucial part of any course, students are expected to attend all classes and laboratory meetings of each course in which they enroll. During the first week of classes, instructors will announce and distribute their attendance policies, including criteria to be used in determining excused absences. The professor determines whether absences are excused or unexcused, whether make-up work will be permitted, and whether both excused and unexcused absences count in determining the basis for a grade of "WA." If attendance is used for grading purposes, the professor is responsible for keeping accurate attendance records. Each student, whether absent or not, is responsible for all information disseminated in the course. If a student has more than the maximum allowed absences, as defined in the course syllabus, the professor may assign a grade of "WA" for the student. The grade of "WA" is a failing grade. The procedure for assignment of this grade requires that the professor submit the WA grade form after the withdrawal deadline. A last date of attendance must be entered for all assigned WA grades.

If students who participate in athletic competitions or other College-sponsored events want to be assured that they are in compliance with the faculty members attendance policy, they must provide written notification to all course instructors of dates and times when regularly scheduled classes and labs will be missed.

## Semester Hours (Credit Hours)

The credit that a student earns by the satisfactory completion of work in any academic course is measured in units called semester credit hours. A credit hour is defined by the South Carolina Commission on Higher Education as a unit of measure representing an hour (50 minutes) of instruction over a 15-week period in a semester. One credit of lecture is equivalent to 50 minutes of instructional class time. One credit of lab is equivalent to 180 minutes of instructional class time. Four credit lecture/lab courses are equivalent to 360 minutes of instructional class time (180 minutes lecture/180 minutes lab).

## Full-Time Status

Students at the College are considered full time if they are enrolled for 12 or more credit hours and are paying full tuition. However, it should be noted that an academic schedule of only 12 credit hours is not sufficient to allow a student to graduate within four calendar years without attending summer school. Full-time attendance in summer school is defined as 12 credit hours enrollment across the five May and summer parts of term.

## Class Rank

Advancement to sophomore rank requires credit of at least 30 credit hours; to junior rank, 60 credit hours; to senior rank, 90 credit hours. Students are required to declare a major before they advance to junior rank. A minimum of 122 credit hours

of credit is required for graduation. (See Second Bachelor's Degree policy.)

## Auditing Courses

Permission to audit a regular academic course must be received from the instructor teaching the course on a Permission to Audit Form, available on the Registrar's Office website and on the Academic Services tab of MyCharleston. This form must be completed and submitted to the registrar no later than the end of the drop/add period. A student may switch from grade to audit status or audit to grade status only within the drop/add period.

An audit will be recorded on a student's permanent record at the College. Faculty may set attendance and/or other requirements for audit students; an audit may be revoked if the student does not comply with these requirements. Full tuition is charged for audited coursework. No attempted or earned hours are awarded.

*NOTE: No audits are permitted in studio courses or independent study-type courses.*

## Independent Studies and Internships

Sometimes students may work with faculty advisors in designing courses of independent study for topics or fields of particular interest. Students may also enroll in external experiential education called internships. In all cases of individual instruction, it is the student's responsibility to plan for these as early as possible, ideally the previous semester, and to be certain that he or she is enrolled by the individual enrollment deadline of the semester in which the academic work is to be completed and evaluated.

## The Grading System

Grades are available on MyCharleston beginning with the date set by the Registrar's Office for the term specified. For a complete academic record of their grades, students may request an official academic transcript from the Office of the Registrar or they may view their unofficial transcript on the Academic Services tab of MyCharleston on the web.

Students receive letter grades for every course in which they enroll, regardless of the location of the course or the mode of delivery. Each letter grade has a numerical "quality point value" as shown below.

Letter	Grade	Quality Points
A	Superior	4.00
A-		3.70
B+	Very Good	3.30
B	Good	3.00
B-		2.70
C+	Fair	2.30
C	Acceptable	2.00
C-		1.70
D+		1.30
D	Barely Acceptable, Passing	1.00
D-		0.70

Letter	Grade	Quality Points
F	Failure	0.00
WA	Withdrawn Excessive Absences (equivalent to an F)	0.00
XXF	Failure Due to Academic Dishonesty	0.00
RA-RF	Repeat; include GPA/exclude hours*	
XA-XF	Repeat; exclude GPA and hours*	
GA-GC	3 Year Option; include hours/exclude GPA*	
TR	Transfer Course	0.00
A^F^	Used for EDLS ONLY	0.00

#### Status Indicator

PR	Presently Registered
I	Incomplete
IP	In progress
W	Withdrawn
P	Passed
NP	Not Passed
NG	No grade required
NR	No grade reported
AU	Audit
PT	Pending Transcript
CP	Completed program
S/U	Satisfactory/Unsatisfactory

The grade "I" indicates that only a small part of the semester's work remains to be done, that the student is otherwise doing satisfactory work in the course, and that an extension of time is warranted to complete the course. The grade of "I" also signifies that an agreement has been established between professor and student as to the quantity of work remaining to be done, the deadlines established for its completion, and a schedule of meeting times. It is recommended that this agreement be made in writing with both professor and student having a copy. The student is allowed 60 days from the date of the last scheduled examination day of the semester in which this grade is received to complete the work in the course. If the student does not complete the work within 60 days, the "I" is automatically changed to an "F."

The statute of limitations for grade changes is two calendar years from the original grade submission deadline. After this period of time has elapsed, normally no grade issued to a student may be changed. Requests for any change of grade should be initiated by the faculty member who assigned the grade. All requests must be adequately documented. Grades will not be changed for a student, once that student has graduated and the degree has been posted.

An "IP" may be assigned for courses that overlap terms. Any bachelor's essay, independent study, or honors course that, by definition, transcends more than one semester is eligible for an "IP"; at the end of the first semester of study. An "IP" should not be assigned to students who have failed to complete coursework within a standard course. "IPs" are not automatically changed to "Fs" after 60 days.

A grade of "P" carries only earned hours; does not carry quality hours or quality points.

A "PT" may indicate that a student is enrolled in a program such as international study or cross registration with another institution for which the attempted hours may be applied toward those required for financial aid or insurance coverage. "PT" indicates Pending Transcript and serves as a placeholder until the official transcript arrives and transfer credit is applied for courses earning a grade of "C" (2.0 on a 4.0 scale) or better. The "PT" is then changed to a "CP." A "CP" indicates that a student has completed a program such as international study, cross-registration, or a College of Charleston co-op. The grade status indicator of "CP" carries no quality points, quality hours, or earned hours.

A "PT" can also indicate a course in progress at another college/university or a transfer credit evaluation completed from an unofficial transcript. "PT" indicates Pending Transcript and serves as a placeholder until the official, final transcript arrives and transfer credit is evaluated for courses earning a grade of "C" (2.0 on a 4.0 scale) or better. Courses approved for transfer credit would then be changed to the grade status of "TR" which carries no quality points or quality hours, but may be awarded earned hours.

A grade of "S" or "U" may be assigned in certain courses that do not count toward earned hours for graduation.

An "AU" indicates that the student is auditing. Audited coursework carries attempted hours but no quality points, no quality hours, and no earned hours, and carries full fees and tuition. Please see the "Auditing Courses" section of the catalog.

A "PR" indicates that no grade has been reported because the student has just registered for a future semester or the coursework is actually in progress.

Courses with missing grades remain in the "In Progress" section of the transcript and degree audit. They are converted to "Fs" at the end of 60 days if the instructor does not turn in a grade change form indicating the correct earned grade.

The grade of "XXF" is intended to indicate that a student failed a course for academic dishonesty. For serious and intentional violations of the Honor Code, the faculty member for the course involved will be instructed by the Honor Board to assign the grade of "XXF." The grade "XXF" shall be recorded on the student's transcript with the notation "failure due to academic dishonesty." A student may petition the Honor Board for removal of the "XXF" after two years. The implementation of the "XXF" grade strengthens the College's commitment to academic integrity.

\*RA-RF and XA-XF see *Course Repetition Policy*

\*GA-GC see *Three Year Option for Readmits (Academic Forgiveness Policy)*

## Final Examinations

Examinations must be taken at the time scheduled except when (go to the Registrar's Office Calendars website for final exam schedules):



1. Two or more exams are scheduled simultaneously.
2. The student has three or more examinations within a 24-hour period.
3. Legitimate and documentable extenuating circumstances prevent the student from completing the examination at the scheduled time (e.g., burial services for an immediate family member).

*NOTE: Forms for permission to reschedule one exam may be obtained from the Office of the Registrar Forms on the Academic Services tab on MyCharleston. Written permission of the instructor and all relevant signatures must be obtained at least 24 hours prior to the scheduled time for the final examination.*

Following consultation by the relevant instructors (and their supervisors, if necessary), one of the relevant final examinations will be rescheduled in all cases where two or more examinations are scheduled simultaneously or when the student has three or more examinations within a 24-hour period.

The determination of a legitimate extenuating circumstance is made by the instructor and requires the support of the instructor's supervisor (i.e., department chair or program director). Different instructors and their supervisors may reach different conclusions about what is or is not a legitimate extenuating circumstance. Family vacations, family celebrations, job interviews and problems with travel plans are not considered legitimate extenuating circumstances.

A student whose rescheduling request is denied may appeal this decision in writing to the school dean responsible for the course in which the student is enrolled. The decision of the dean is final.

*NOTE: Re-examinations are not allowed.*

## Pass-Fail Option

The pass-fail option is provided to encourage students to enrich their educational experience and to venture outside their major areas of concentration or competence. To earn a pass under the pass-fail option, students must perform at the "C (2.0)" level or above. A grade of "P" carries only earned hours; does not carry quality hours or quality points. A grade of not passing ("NP") will be recorded on the transcript, but will carry no grade points and will not be used in calculating the GPA.

The following restrictions apply:

1. A student electing the pass-fail option must be in good standing (not on academic probation) and must be of sophomore standing or above.
2. A student electing the pass-fail option must do so at registration by completing a pass-fail option petition (available at the Office of the Registrar), and no change may be made after the drop-add period.
3. No more than 12 credit hours may be taken under the pass-fail option and no more than one course in any one semester.
4. No course taken on the pass-fail option may be used to satisfy the general education requirements or be taken in

one's major or minor fields. If a student who completes a course under the pass-fail option later changes his/her major and that course is required for the major, he/she may petition the department for the course to be accepted.

5. No course may be repeated on a pass-fail option. A course for which the grade "P" has been received may not be repeated.

## Withdrawal from Courses

Students may voluntarily withdraw from individual courses and/or labs until the official withdrawal deadline for the semester (see "Academic Calendar") through MyCharleston, or by submitting the required paperwork to the Registrar's Office. A grade of "W" will be entered on their record unless the student has been found responsible for an Honor Code violation. In that case, the professor determines the grade entered on the student's record for that class.

After the official withdrawal deadline for the semester, students may petition for course withdrawals through the Office of Undergraduate Academic Services. This permission will be granted only if continued enrollment in the course would be detrimental to the student's health or if documented extenuating circumstances prevent the student's continued enrollment.

Usually a student who is withdrawn from all courses taken during a semester may reenroll the following semester, unless the student is completely withdrawn from the institution and the matriculation is closed (see "Withdrawal from the College of Charleston"). Furthermore, if a student discontinues enrollment from the College of Charleston, whether voluntarily or not, reentry for future semesters may be contingent on satisfying conditions outlined by the Office of Student Affairs and Undergraduate Academic Services.

*NOTE: A decision not to attend a course does not constitute a withdrawal from it. Failure to properly withdraw from or drop a course can result in financial responsibility for full tuition for the course as well as a resulting grade of "F."*

## Course Repetition Policy

It is the policy of the College of Charleston that students may repeat up to 12 credit hours of passed coursework excluding:

- Prerequisite courses for passed courses (Repeat Exclude)
- Courses which have catalog restrictions due to duplication of subject material (Repeat Exclude)

**There are two types of transcript coding for repeated courses:**

- Repeat Include - Grade will be calculated into total GPA (not averaged with prior grade), but student will not receive earned hours for this course. Courses are graded RA-RF.

- Repeat Exclude - Grade will not be calculated into GPA nor will earned hours, quality hours, or quality points be awarded. Courses are graded XA-XF.

A passed course may be repeated only once, regardless of the outcome. A subsequent registration will result in a drop. Repetition of passed courses will not increase earned hours, but students will receive quality hours and quality points in order to calculate the grade of the repeated course into the overall GPA. Repeated course grade points will not be used to calculate honors at graduation.

Students may repeat any course they have previously failed. The grade for the repeated course, as well as the failing grade, will be computed into the student's cumulative GPA and recorded on the student's transcript.

Scholarship students (academic and athletic), financial aid students, and veterans may repeat courses under this policy; however, they should check with the Departments of Financial Aid or Athletics to see how this will affect their eligibility.

Registration through MyCharleston for repeated duplicate courses can only occur if the student completes and submits to the Registrar's Office a Repeat Course Override Request Form (found on the Registrar's Office Forms website and the Academic Services tab of MyCharleston). The Registrar's Office will process the override and register the student for the course.

## Transfer Credit or Placement Credit That Repeats College of Charleston Courses

Students who are given transfer or placement credit need to pay particular attention to the College's course equivalents awarded, and be careful not to register for a course that is considered a repeat or a duplicate of the credited coursework (i.e., taking the same course twice results in only one granting of credit, not two). Students may petition the Registrar's Office, with approval of their advisor, to decline AP, or transfer credit. *Such petitions must be made before the course is repeated.* Scholarship students (academic and athletic), financial aid students, and veterans may repeat courses under this policy; however, late requests or requests made after the first term at the College of Charleston must check with the Departments of Financial Aid or Athletics to see how this will affect their eligibility.

### General Repeat Rules:

- Prerequisite Rule: A student may not take a course that is a prerequisite for a course that he/she has already passed and received credit for the second course.
- Upper-Level Coursework: A student in some cases may not take lower-level coursework for credit after completing similar upper-level coursework. Students must check the individual course descriptions and/or departments for restrictions. (Example: MGMT 105 may not be taken after satisfactory completion of an upper-level MGMT course.)
- Cross-Listed Courses: A student may not take cross-listed courses and receive credit for both courses.

- Special Topics Courses: A student in some cases may have limitations on the credits repeatable in specific special topics courses. See individual department listings and course descriptions for further information.
- Honors and Regular Courses: A student may not take both an Honors course and the regular course equivalent and receive credit for both.
- Please consult your personal degree audit, the specific course descriptions in this catalog, and your advisor for additional information.

### Some additional limitations include, but are not limited to:

#### Physical Education/Theatre activities courses (e.g., yoga, dance, etc.)

- Courses in basic physical education activity theory (100 level) may be taken for elective credit by any student, but no more than eight credit hours total (including PEAC/PEHD/THTR cross-listed dance/activity courses) may be applied toward a degree. More than eight credit hours will be coded as a repeat include (up to the maximum allowable hours) whether or not the student has previously taken that exact course. Subsequent registrations will be dropped.

#### Dance/Theatre courses

- Students who have completed THTR 146 may not subsequently receive credit towards graduation for THTR 145.
- Students who have completed DANC 235 may not subsequently receive credit towards graduation for THTR 135.
- Students who have completed DANC 437 may not subsequently receive credit towards graduation for DANC 337, DANC 237, THTR 138 or THTR 137.
- Students who have completed DANC 337 may not subsequently receive credit towards graduation for DANC 237, THTR 138 or THTR 137.
- Students who have completed DANC 237 may not subsequently receive credit towards graduation for THTR 138 or 137.
- Students who have completed THTR 138 may not subsequently receive credit towards graduation for THTR 137.
- Students who have completed DANC 485 may not subsequently receive credit towards graduation for DANC 385, THTR 339, DANC 285, THTR 186, or THTR 185.
- Students who have completed DANC 385 may not subsequently receive credit towards graduation for THTR 339, DANC 285, THTR 186, or THTR 185.
- Students who have completed THTR 339 may not subsequently receive credit towards graduation for DANC 285, THTR 186, or THTR 185.
- Students who have completed DANC 285 may not subsequently receive credit towards graduation for THTR 186 or THTR 185.

- Students who have completed THTR 186 may not subsequently receive credit towards graduation for THTR 185.
- In addition to the above limitations, only fourteen hours from technique classes at the 300 or below level are counted towards graduation. These courses are:
  - THTR 135, THTR 137, THTR 138, THTR 145, THTR 146, THTR 185, THTR 186, THTR 339, DANC 235, DANC 237, DANC 285, DANC 337, DANC 385.

#### Languages

- Having completed any 101 or 102 language course (i.e., SPAN, GRMN, FREN, or LATN), students may not take 150 for credit; conversely, students who complete 150 may not receive credit for 101 or 102. The same rule applies for the 201/202/250 sequence.
- Having completed SPAN/FREN 313 or 314, students may not take SPAN/FREN 350 for credit; conversely, students who complete SPAN/FREN 350 may not receive credit for either 313 or 314.

#### Mathematics

- Students who have completed MATH 105, 111, or 120 may not subsequently receive credit towards graduation for MATH 101 or 102.
- Students who have completed MATH 120 may not subsequently receive credit for MATH 105 or MATH 111.

#### Business, Economics, Business Law, Accounting, International Business

- Students who have completed ECON 200 or 201 may not subsequently receive credit for ECON 101.
- Students with majors outside of the School of Business may receive a maximum of 30 business school credit hours.
- Students who have completed, or are currently enrolled in, BLAW 205 or 306 may not subsequently receive credit for BLAW 106.
- Business school majors who have completed, or are concurrently enrolled in, a 300- or 400-level business, international business, economics, or accounting course may not receive credit for MGMT 105.

#### Art History and Music

- Only six credit hours from ARTH 290 and/or ARTH 340 (Selected Topics) may be applied towards the 36 credit hours for the art history major (majors only).
- Students may only receive up to 12 credit hours for MUSC 399.
- No more than 8 credit hours from any combination of ensembles or concert choir may be earned and applied towards graduation requirements.

#### Sciences and Psychology

- Students who have completed CHEM 111 or 112 will not subsequently receive credit for CHEM 101. Students may not receive credit for both BIOL 101 and BIOL 111, or for both BIOL 102 and BIOL 112, or for both BIOL 111 and 112 and Honors Biology.
- Students will not receive credit for both PHYS 105 and PHYS 456.
- Students will not receive credit for both GEOL 101 and GEOL 103.
- No more than 6 credit hours of Psychology Independent Study (PSYC 498) or Psychology Special Topics (PSYC 410) may be applied toward the major requirements.

#### Philosophy

- PHIL 240 may not be taken for credit if credit has been received for JWST 240.
- PHIL 255 may not be taken for credit if credit has been received for RELS 255.

*NOTE: This is not a complete list of specific situations resulting in repeated or duplicate coursework. Please consult your personal degree audit, the specific course information in this catalog, and your advisor for additional information.*

## Course Overload

The normal course load for degree candidates in fall and spring semesters is 14-17 credit hours. Enrollment in courses totaling more than 18 credit hours requires special permission from the student's academic advisor and the department chair. This permission must be obtained before registration for the semester in which the overload is to be carried. Failure to obtain permission may result in cancellation of any courses not specifically authorized over 18 hours. Students with a cumulative GPA of 3.0 or less are advised against taking an overload. Students with a cumulative or major GPA of 2.0 or less are strongly advised against taking an overload.

## Course Overload During Summer

Students may take only one course during Maymester. Students are advised to take no more than two courses concurrently during any of the other summer terms. Taking more than two courses concurrently is considered an overload. Students with a cumulative GPA of 3.0 or less are advised against taking an overload. Students with a cumulative or major GPA of 2.0 or less are strongly advised against taking an overload.

## Grade Point Average (GPA)

The number of quality points earned for each course is calculated by multiplying the semester-hour value of the course by the number of quality points assigned to the grade received for the course. For example, a grade of "B" received in a three-semester-hour course would earn 9.0 quality points (3.0 quality points x 3 credit hours).

At the end of each semester, the student's GPA for the semester is calculated. To compute the semester GPA, the total number of quality points earned for the semester is divided by the total number of quality hours carried. For instance, a student who earns 36 quality points while carrying a course load of 15 credit hours would earn a GPA of 2.40 for the semester.

The student's cumulative GPA is also computed at the end of each semester. This is the grade point average the student has earned up to that point at the College. The cumulative GPA is computed by dividing the total quality points the student has earned at the College by the total number of quality hours carried. For example, a student who has earned a total of 180 quality points over 90 credit hours would have a cumulative GPA of 2.0.

For information on the S.C. LIFE Scholarship GPA calculation, visit the Financial Aid website. The LIFE Scholarship GPA is not to be confused with the College of Charleston GPA maintained on the degree audit and on the academic transcript. Students may access the College GPA calculator online at the Undergraduate Academic Services website and on the Academic Services tab of MyCharleston.

### Faculty Honors List

After the end of each semester, the Office of the Registrar releases the faculty honors lists to the Deans of each School for declared majors and the Associate Vice President for the Academic Experience, for undeclared students. Students are named to this list that were enrolled in and completed at least 14 credit hours of undergraduate coursework and who earned a GPA of 3.80 (highly distinguished) or 3.60 (distinguished). A student may not have an "I" (Incomplete) or a grade lower than "C" to qualify.

### Dean's List

The honor of inclusion on the College of Charleston's Dean's List is awarded to students who have earned highly distinguished faculty honors for both the fall and spring semesters of the academic year. Students who enter the College in the second semester are consequently ineligible for the yearly class honors for that academic year.

### Graduation with Honors

Students who earn a cumulative grade point average of 3.900 to 4.000 will graduate *summa cum laude*. Students who earn a cumulative grade point average of 3.750 to 3.899 will graduate

*magna cum laude*. Students who earn a cumulative grade point average of 3.500 to 3.749 will graduate *cum laude*. To be eligible for graduation with honors, at least 62 quality hours of the coursework to be applied to the degree must have been completed at the College of Charleston. To earn Top Honors a student must have a grade point average of 4.000 with at least 62 graded quality hours earned at the College of Charleston. Note that a course graded with a "P" carries no quality hours. For the purpose of calculating the GPA for graduation with honors, all undergraduate coursework taken at the College of Charleston will be included in that calculation.

### Departmental Honors

Designed for mature individuals who are capable of sustained and independent work, the program of departmental honors is designed to give upperclassmen of exceptional ability an opportunity to explore intensively a field of their particular interest. Students take the initiative in outlining their proposed research, experiment, or special study; in enlisting the support of a faculty advisor; and in securing the approval of the department. At the conclusion of the program, departmental honors can be awarded only with the approval of the department. To be eligible, students must have earned a grade point average in the major of at least 3.5 and completed a minimum of 12 credit hours of exceptionally fine work in any combination of seminar, independent study, tutorial, and bachelor's essay. Whichever format is chosen, the project should develop the student's proficiency in library research or laboratory methodology, and the finished composition should be distinguished by its organization, reasoning, and expression.

The recommended capstone for earning departmental honors is the bachelor's essay. Students must seek one of the professors in their major department to supervise the undertaking and must submit in writing a proposal for the project. Once the plan is accepted, students must work closely with their advisor. Since researching and writing the essay extends over both semesters of the senior year, students should submit one or more preliminary drafts for critical examination in order to allow time for proper revision of the essay. The department may also prescribe additional requirements for ensuring the quality of the work. Satisfactory completion of the bachelor's essay entitles the candidate to six credit hours.

### College Graduation Awards

High scholarship and exceptional achievement in extracurricular activities are traditionally important at the College. Prizes that recognize such achievements are also a part of the College tradition. Announcements of the recipients of cups, medals, and other awards are made each year at the awards ceremonies, part of commencement week activities.

### Transcripts

Please see <http://registrar.cofc.edu/transcripts/index.php> for the most updated information on transcripts.

## Degree and Enrollment Certifications

Students may obtain certification of enrollment (or proof of full-time enrollment) for insurance, scholarship and loan purposes by logging onto MyCharleston and selecting Banner Self-Service on the Academic Services tab. Enrollment verifications are available immediately following the drop-add deadline for spring and fall terms. Questions should be directed to the Office of the Registrar.

## Transfer Credit for Work at Another Institution and for Study Abroad: Transient Student Status

### Transfer Credit

A final transcript is required from each college or university attended, whether or not credit was earned or courses completed. Failure to provide information regarding each college or university attended or failure to submit transcripts may result in withdrawal of any offer of admission, restrictions on registration and/or dismissal from the College.

The College of Charleston's policy on transferring academic credits from other institutions is established by the designated faculty in each academic discipline. In general, transfer credit is awarded when the course is:

- earned at a school accredited by a regional accreditation association
- graded at least a "C" (2.0 on a 4.0 scale)
- similar in description to the corresponding course at the College of Charleston
- not a duplication of credits already earned

Coursework over ten years old may be subject to an additional review to determine if transfer credit will be awarded.

The maximum number of transfer credits acceptable toward a College of Charleston degree is ninety-two (92) credit hours total. Sixty (60) credit hours total are the maximum from two-year schools. Students may decline transfer credit, prior to enrolling at the College of Charleston, in order to add another transfer course(s) without going over the maximum hours of transfer credit allowed. Students may not decline transfer credit after enrolling at the College of Charleston in order to take a course at another institution as a transient or cross-registered student.

Grades do not transfer, only credits; therefore, students will enter the College of Charleston without a grade point average (GPA).

Credits awarded at another institution as a result of placement testing are not acceptable. In addition, the College of Charleston does not award transfer credit for life experience and/or work experience gained prior to admission. Transfer

credit is also not awarded for military training or for non-credit bearing coursework completed toward a professional certificate.

The College of Charleston is on a Semester system. The following table may be used to determine semester hour equivalent of courses taken from a quarter hour system school:

Quarter Hours	Semester Hours
6	4
5	3
4	3
3	2
2	1
1	1

NOTE: College of Charleston rounds half credit hours up to the next whole number. (For example, a half credit from another school would equal one credit hour at College of Charleston.)

Students offered admission to the College of Charleston may use DegreeWorks to view an updated list of awarded and pending transfer credit. The "Class History" link in DegreeWorks provides the best view of transfer credit, although the information is also visible in the degree audit area.

### Transfer of Credit from South Carolina Colleges/Universities

Information about transfer of courses to the College of Charleston from other South Carolina colleges/universities is available on-line through SC TRAC (<http://www.sctrac.org>). The direct link to College of Charleston information is <http://www.sctrac.org/tabid/476/Default.aspx?iid=361>. The information on SC TRAC is informational and does not replace an official transfer credit evaluation which is completed after an applicant has been accepted to the College of Charleston.

For those students who transfer from the Associate in Arts or Associate in Science programs at South Carolina public, two-year colleges, there is an agreement identifying transferable courses. Brochures are available at the Office of Admissions, or at this link:

<http://admissions.cofc.edu/applyingtothecollege/transferringcredits/scpublictwoyearcollegestudents.php>.

### Transfer of International Credit

Except when the College of Charleston has a formally recognized transfer articulation agreement with another institution, regardless of the student's citizenship, students with course work from a college/university outside of the United States must also submit official transcripts (mark sheets, academic records), with English translations, to a recognized credential evaluation agency for verification and a course-by-course evaluation. Responsibility for the translation and evaluation of documents in order to meet deadlines, as well as all costs associated with these services, is the responsibility of the student applying for admission. Once the course-by-course evaluation from an external agency and English translations of course descriptions are received by the

College of Charleston, evaluation of the course work can begin for potential College of Charleston transfer credit. Complete information about international transcript evaluation, along with a list of preferred external credential evaluation agencies, is located on-line at <http://admissions.cofc.edu/applyingtothecollege/transferringcredits/internationalstudents.php>. Please allow 2-4 months for completion of these requirements. For specific international admissions criteria and necessary materials, go to <http://admissions.cofc.edu/applyingtothecollege/international-students/index.php>.

## Courses Taken Elsewhere

A degree candidate at the College of Charleston who wishes to receive College of Charleston credit for courses at another institution must submit the Coursework Elsewhere form available on the Registrar's Office website (<http://registrar.cofc.edu/forms/index.php>). The senior year of work for the degree must be completed in residence at the College of Charleston. However, candidates who have earned more than 60 credit hours at the College of Charleston may petition to complete up to 7 of their final 37 credit hours at another institution by submitting the Coursework Elsewhere during Senior Year Form (Senior Petition), available on the Registrar's website (<http://registrar.cofc.edu/forms/index.php>).

In order to ensure that the courses will be accepted at the College of Charleston for transfer credit, they must be approved in the Registrar's Office before actual enrollment. To be eligible for transfer credit, courses must be taken at an institution that is regionally accredited and must be courses that do would receive credit towards graduation at the other institution (i.e. not developmental courses). Duplicate courses (repeats) will not transfer.

Official permission to take coursework elsewhere is reflected on the student's unofficial transcript in MyCharleston as a College of Charleston course with a grade of "PT" (pending transcript). Students should pay close attention to the way the course has been approved for transfer credit, verifying the approved College of Charleston equivalent is what he/she desires and/or the course is not a repeat of already earned credit. Students should note that a course "Under Evaluation," "Needs Syllabus," or "Needs Course Description" is not guaranteed to transfer. Unofficial transcripts in MyCharleston should be checked periodically for updates that will be posted after an evaluation of the course for potential transfer credit has been completed.

Once coursework elsewhere permission is posted on the unofficial transcript, students should send the Transient Permission form (available on the Office of the Registrar's website) to the institution where the course will be taken, if proof of permission to register as a transient student is required by the institution. A printed copy of the DegreeWorks degree audit and/or unofficial transcript, showing the courses approved for transfer, should be attached to the Transient Permission form. Students should contact the Office of Student Affairs 843.953.5522 if the other institution requires the submission of a Letter of Good Standing.

Acceptance of credit for an approved transfer course will become final only when the Registrar of the College of Charleston receives an official transcript of the student's record from the accredited institution where the course was taken. A final transcript is required from each college or university attended, whether or not credit was earned or courses completed. Failure to provide information regarding each college or university attended or failure to submit transcripts may result in restrictions on registration and/or dismissal from the College.

Coursework completed at other institutions must have a minimum grade of "C" (2.0 on a 4.0 scale) to be awarded transfer credit. Courses graded on a pass/fail basis are acceptable only if the institution where the courses were completed will assign a minimum equivalent of "C" (2.0 on a 4.0 scale) to the "pass" grade. Credit hours awarded will reflect the hours of credit the other institution would have awarded the course, however credits awarded at another institution as a result of placement testing are not acceptable.

Grades do not transfer, only credit hours. The maximum number of transfer credits acceptable toward a College of Charleston degree is 92 credit hours total from all institutions; 60 credit hours total are the maximum from two-year institutions. Students may decline transfer credit prior to enrolling at the College of Charleston in order to add another course that did not transfer due to the maximum number of transfer credit allowed policies. However, students may not decline transfer credit after enrolling at the College of Charleston in order to take a course at another institution as a transient or cross-registered student.

## Study Abroad

For study abroad, the International Student Exchange Program, and the National Student Exchange Program, students must apply through the Center for International Education (CIE). The determination in advance that credit may be awarded will be made by the Director of CIE but in consultation with the respective academic department when courses are not listed in the College of Charleston course inventory. The Coursework Equivalency form is available from the Center for International Education for this purpose.

A final transcript is required from each college or university attended, whether or not credit was earned or courses completed. Failure to provide information regarding each college or university attended or failure to submit transcripts may result in restrictions on registration and/or dismissal from the College. Once the transcript is received from the institution abroad upon completion of the work, the Registrar's Office verifies and enters the credits as noted above.

Students with more than 87 earned credit hours at the time they study abroad must seek approval from the Center for International Education and the chair of the major department if more than 7 of the last 37 credit hours are taken away from the College.

## Minimum Scholastic Attainment and Probation

Students are placed on academic probation when the level of their academic work is endangering their opportunity to earn a degree from the College and their continuation at the College is in jeopardy. The conditions of probation are intended to provide the opportunity for students to seek academic counseling at a sufficiently early date for assistance to be effective; to give students who are experiencing difficulties further opportunity to demonstrate adequate performance; and to provide assistance to students who have had significant problems interfering with their ability to study.

Students enrolled at the College of Charleston must earn a minimum grade point average (GPA) to avoid being placed on academic probation. These requirements are on a sliding scale based upon the total credits earned by the student. For more information, see the Office of Undergraduate Academic Services website.

### Minimum Scholastic Attainment Standards

Credits earned	GPA required
0-19	1.50
20-59	1.80
60 and up	2.00

## Academic Probation

If a student's cumulative GPA at the end of any semester is less than the grade point average required as listed above, the student is placed on academic probation.

- Once placed on academic probation, a student must show satisfactory academic improvement by the end of the next semester, regardless of the number of hours earned or attempted, or the student will be subject to dismissal for academic deficiency. Generally, satisfactory academic improvement is defined as continuous, significant improvement in GPA earned at the end of each semester during the probationary period. The improvement must be great enough so that the student makes substantial progress toward achieving academic good standing. The decision regarding satisfactory academic improvement will be made by the director of Undergraduate Academic Services.
- The student is required to enroll in and successfully complete EDLS 100: Learning Strategies during the next major semester if the student has not already successfully completed the course. Successful completion is defined as earning a C or better. EDLS 100 does not count toward GPA hours or quality points.

Students on academic probation are eligible to receive transfer credit for courses taken at another institution but are not

normally eligible for cross registration or leave privileges. Students who are dismissed from the College for academic deficiency are not eligible for financial aid or to receive transfer credit for courses taken elsewhere during the period of dismissal. The first dismissal period is two semesters, of which the entire summer may count as one. The second and subsequent dismissal period is three calendar years.

Students who are conditionally readmitted after any period of academic probation or dismissal for academic deficiency and who apply for financial aid will also be evaluated under the Satisfactory Academic Progress Policy for Financial Aid Eligibility (SAP). Students who do not meet the SAP requirements will be notified and may have the option to file a SAP Appeal with the Office of Financial Aid.

Visiting students to the College of Charleston for summer sessions must adhere to the same academic standards as College of Charleston degree-seeking students. Students who have previously earned less than a 2.0 GPA while attending the College or who are not in good standing at their home institutions will normally not be permitted to enroll for summer sessions. However, instances where these students have gone on to demonstrate a proven academic record at other universities or who have been granted permission to complete courses as part of their degree programs at other universities may petition the Office of Maymester/Summer Sessions along with the Office of Undergraduate Academic Services for permission to enroll. Petitions will be handled on a case-by-case basis. A student granted permission to enroll in a summer session is not guaranteed admission or readmission during a subsequent semester.

## Withdrawal from the College

For a variety of reasons, students may decide to withdraw from the institution and end their matriculation. In order to protect the integrity of the transcript and ensure that the record on file at the College of Charleston is in order, any student who is considering an institutional withdrawal should submit a request for Complete Withdrawal from the College of Charleston to the Office of Undergraduate Academic Services rather than merely drop out. The institutional withdrawal will be reflected on the transcript. An accurate student record will be especially important if the student decides to return to the College of Charleston or transfer to another institution. Before a student officially withdraws from the institution, appropriate arrangements must be made with the Offices of the Treasurer, Financial Assistance, and Residence Life to ensure that all obligations to the College of Charleston have been satisfied.

Please note that withdrawing from the institution is a different and separate process than course withdrawals. For more information about withdrawing from courses, please see the section "Withdrawal from Courses."

If a student discontinues enrollment from the College of Charleston, whether voluntarily or not, re-entry for future semesters may be contingent on satisfying conditions outlined

by the Division of Student Affairs and Office of Undergraduate Academic Services.

## Leave of Absence

Degree-seeking students may request a Leave of Absence (LOA) for up to two complete major semesters through the Office of Undergraduate Academic Services. When an official leave is granted, it will be noted on the transcript; students need not apply for readmission to reenroll in courses. Students having a cumulative GPA of 2.0 or better are eligible for a leave; students having a cumulative GPA below 2.0 are not eligible for a leave and must apply for readmission in order to return to the College of Charleston if they are away for an entire major semester.

If a student discontinues enrollment from the College of Charleston, whether voluntarily or not, re-entry for future semesters may be contingent on satisfying conditions outlined by the Division of Student Affairs and Office of Undergraduate Academic Services.

Students participating in exchange programs with other universities may have leave status approved through the Office of International Education and Programs.

For purposes of an *approved* LOA under federal Title IV financial aid regulations, the student's LOA must not exceed a total 180 days, when added to all other LOAs in any 12-month period. If a student who has received federal Title IV loans (Perkins, PLUS, and Ford Federal Direct Subsidized or Unsubsidized Loans) does not return from an approved LOA, some or all of the repayment deferral period may be exhausted, and loans may go into repayment. For purposes of the Title IV programs, the date of withdrawal is backdated to the first day of the approved leave of absence. This policy also includes students who do not return from an approved leave for study abroad. Federal student loan recipients who are considering a LOA are encouraged to visit with a financial aid counselor prior to applying for a LOA to review the impact of a LOA on loan repayment.

All currently-enrolled, degree-seeking students who are called to active military service are eligible for a Leave of Absence, regardless of the cumulative GPA. Such students are eligible for an official leave for the length of their military service plus up to one year after their return from active duty.

## Readmission

Any student at the College of Charleston who voluntarily withdraws from the institution or is dismissed for any reason must apply for readmission in order to re-enroll. All students who have done previous work at other colleges or universities must have their transcripts sent to the Office of Admissions. The College does not admit students who are ineligible to return to the last college or university attended. This rule applies to all students, including those applying for readmission. Readmit applicants must submit an essay outlining how they have used their time away from the College of Charleston and what they plan to do to be

academically successful. All readmit applicants must meet transfer GPA requirements and all admission deadlines.

If a student discontinues enrollment from the College of Charleston, whether voluntarily or not, re-entry for future semesters may be contingent on satisfying conditions outlined by the Offices of Student Affairs and Undergraduate Academic Services.

In making decisions on those applying for readmission, the following guidelines will be used:

1. Students who voluntarily withdraw from the College while in good standing and with a cumulative GPA of 2.0 or above will be approved for readmission.
2. Students who have voluntarily withdrawn from the College of Charleston with a cumulative GPA below 2.0, students who have been dismissed from the institution for academic deficiency and who have completed the dismissal period, and students who have been separated from the institution for disciplinary reasons and who have completed any/all disciplinary sanctions will be considered for conditional readmission. Those students whose records at the College of Charleston indicate that successful completion of a College of Charleston degree in a reasonable length of time is impossible or extremely improbable will not be readmitted. Those whose records indicate that they can reach graduation standards in a reasonable period of time and those that have met the conditions required for reconsideration are required to return to the College of Charleston through the Successful Transitions through Educational Planning (STEP) Program. For more information about the STEP Program, please see the Undergraduate Academic Services website.
3. Students who previously attended the College as provisional students but failed to meet the conditions of the program must satisfactorily complete a minimum of 30 semester hours at another institution before applying for readmission. They will be considered for admission only if they meet the admission standards applied to transfer students and then will be considered under item two above.
4. Transfer coursework completed ten or more years prior to re-enrollment at the College may be evaluated and revalidated by academic departments to be applicable for graduation credit. Also, if a long period of time has elapsed since a student's last enrollment at the College, the chair and advisor may strongly advise the repeat of a course or enrollment in additional courses. This is due to changing graduation requirements or professional certification requirements and the need for the student to be adequately prepared for successful completion of the remaining coursework in a major.

*NOTE: See Three-Year Option.*

## Three-Year Option for Readmits (Academic Forgiveness Policy)

Students readmitted to the College after an absence of three or more years may choose to have their previous College of Charleston record treated as transfer credit if they achieve a



GPA of 2.50 or better in the first 15 credit hours after their return. All grades earned in the semester in which the 15th credit hour is completed will be included. Previous work at the College will remain on the students' permanent records; however, only coursework completed since readmission will be used to calculate their cumulative GPA. Students choosing this option must request it in writing to the Office of Undergraduate Academic Services once the 15 credit hours are completed.

*NOTE: Students who choose to apply the three-year option to their record should be aware that any coursework done prior to readmission in which a grade of "C-" or lower was earned will not count toward graduation. For the purpose of calculating GPA for graduation with honors, all coursework taken at the College of Charleston will be included in that calculation. The Three Year Transfer Option is not available to students who have already earned a degree from the College of Charleston. Once a Three Year Option has been requested and applied, it cannot be reversed.*

# Students' Responsibilities and Rights

In meeting the standards for admission to the College of Charleston and choosing to enroll, students are subject to all college regulations. The academic and non-academic policies outlined by the College are intended to promote honorable citizenship that encourages a thriving living and learning environment sensitive to the rights of others and the achievement of knowledge. Our expectations neither advocate the surrender of basic constitutional rights nor dilute those rights, but strengthen and complement the rights of each individual enrolled.

By coming to the College of Charleston, students accept the responsibility to adhere to its regulations and codes. It is in the spirit of good citizenship and community stewardship that specific rights and responsibilities are detailed in the Student Handbook: A Guide to Honorable Conduct. The handbook is available at the Student Affairs website. It is the responsibility of all students to become familiar with the academic and conduct regulations that govern eligibility to continue at the College. Examples include:

- Academic Integrity and the Honor Code
- Student Code of Conduct
- Classroom Code of Conduct
- Alcohol and Drug Abuse Policies
- College of Charleston English Fluency Policy
- Peer to Peer File Sharing Policy
- Student Grievance Procedure
- Sexual Misconduct Policy
- Non-Discrimination and Sexual Harassment Policy

## FERPA: Family Educational Rights and Privacy Act

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The Family Educational Rights and Privacy Act of 1974 (FERPA), as amended, is a Federal law that protects the privacy of student education records. In accordance with regulations issued under FERPA, the College of Charleston provides an annual notification to our enrolled students of their rights (to: inspect, review, and amend the student's education record; consent to disclosures of personally identifiable information contained in the student's education records; opt-out from the release of information designated as directory information by the College; and file a complaint with the US Department of Education) under FERPA; as well as an explanation of the exceptions under FERPA that allows the College to disclose information from the student's education record without consent.

For more information, please contact the Office of the Registrar at 843.953.5668 or visit <http://registrar.cofc.edu/ferpa/index.php>.

## College of Charleston English Fluency Policy\*

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Under the provisions of the 1991 English Fluency in Higher Education Act, the South Carolina Legislature has mandated that each public institution of higher learning establish a mechanism to "ensure that the instructional faculty whose second language is English possess adequate proficiency in both the written and spoken English language." Additionally, the act requires that the institutions "provide students with a grievance procedure regarding an instructor who is not able to write or speak the English language."

*\* Policies and procedures in their entirety may be found in the Student Handbook: A Guide to Honorable Conduct, accessible through the College's website.*

# Student Support Services and Programs

## Academic Advising and Planning Center (AAPC)

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843.953.5981

<http://advising.cofc.edu/>  
[advising@cofc.edu](mailto:advising@cofc.edu)

The Academic Advising and Planning Center (AAPC) assists undergraduate students with all aspects of academic planning by promoting and encouraging self-authorship and resource utilization in support of academic success, as well as the timely and informed pursuit of an academic major. This is accomplished through student-centered, individualized, technology-enhanced advising appointments and the establishment of a relationship based on mutual trust with a diverse student population. Students meet with their academic advisor to explore their interests, discuss course options, consider majors, plan for the future, and address any academic concerns.

## Center for Disability Services (CDS)

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843.953.1431

843.953.8284 (TDD)  
<http://disabilityservices.cofc.edu>

The College of Charleston actively and affirmatively seeks to accommodate any currently enrolled student with a documented disability in compliance with Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990 and its 2008 amendments. Upon admission, students whose disabilities would require accommodations are urged to apply for services by contacting CDS before the semester begins.

## Center for Student Learning (CSL)

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843.953.5635

<http://csl.cofc.edu>

The Center for Student Learning offers academic assistance to all students. Conveniently located in the Addlestone Library, the Center is composed of walk-in accounting, foreign languages, math, speaking, and writing labs, providing students with tutorials and consultations with trained and experienced staff, faculty, and peer tutors. In addition, tutoring is available by appointment in selected introductory courses not served by walk-in labs. Supplemental Instruction group

sessions are offered in selected courses. Study skills assistance is offered by appointment and through weekly workshops.

## Marlene and Nathan Addlestone Library

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843.953.5530

The Marlene and Nathan Addlestone Library houses a variety of print and electronic resources, offers instruction and research services, and accommodates students with private and group study areas. Addlestone Library also hosts the Student Computing Lab (250 computers) and Java City café. Special Collections acquires and manages holdings that include rare books, manuscripts and digital collections.

## Successful Transition through Educational Planning (STEP) Workshop

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Undergraduate Academic Services

843.953.5674

<http://undergrad.cofc.edu>  
[undergrad@cofc.edu](mailto:undergrad@cofc.edu)

Some students who have previously attended the College of Charleston are approved for readmission through the Office of Undergraduate Academic Services and are required to attend a STEP workshop during the summer or December prior to their return. The one-day workshop covers topics of importance to readmitted students. Students also will be advised and registered for classes during this workshop.

## Provisional Program

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843.953.5674

The Office of Admissions provisionally admits a select group of incoming students for their first academic year. During the academic year the Office of Undergraduate Academic Services monitors student academic progress, makes referrals to campus resources, connects provisional students with peer educators, and serves as a resource for support regarding personal or academic issues. Each provisional student signs a contract prior to new student orientation and must earn 24 credit hours with a minimum 2.0 cumulative grade point average by the end of the first academic year to continue enrollment.

## ROTC - Air Force

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843.863.7144

<http://www.csuniv.edu/afrotc/index.html>

AFROTC is a two-year program offered to College of Charleston students through a cross-registration agreement with Charleston Southern University.

## ROTC - Army Pre-Commissioning Program

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843.953.5224

<http://www.citadel.edu/armyrotc>

The Citadel Army ROTC Detachment offers both a four-year and two-year pre-commissioning program for College of Charleston students interested in pursuing a career as an Officer in the U.S. Army, Army Reserve, or National Guard.

## Cross-Registration: Charleston Higher Education Institutions Registrar's Office

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843.953.5668

<http://registrar.cofc.edu/forms/index.php>

The College of Charleston, the Medical University of South Carolina, Trident Technical College and Charleston Southern University have an agreement whereby undergraduate students enrolled full-time and paying full-time tuition at any of these institutions may be able to take courses concurrently at other participating institutions at no additional cost\* (with some requirements and restrictions). More information on cross-registration can be found on the form itself on the Registrar's website for student forms.

\*NOTE: This arrangement does not include summer session classes or undergraduate courses taken by graduate students.

## Center for International Education

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843.953.7661

The Center for International Education (CIE) is the coordinating office for all international activities. CIE works with faculty members and departments to develop study abroad programs, collaborates with the Office of Admissions on international student recruitment, coordinates international student enrollment and provides services for international students and faculty.

Additionally, CIE works with schools and departments to identify and develop educational linkages with international partners in concert with the College's goals and priorities, pursues and supports initiatives in support of the College's internationalization goals, provides study opportunities for students through the National Student Exchange program and serves as the general resource for all international matters. Through its programs, support services for international students and faculty, CIE fosters a climate that allows students to engage with and learn from global experiences and perspectives.

## College of Charleston North Campus

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843.953.6684

**Godfrey Gibbison, Dean**

[north@cofc.edu](mailto:north@cofc.edu)

<http://north.cofc.edu>

The College of Charleston North Campus is located near the Charleston International Airport in North Charleston. The North Campus brings many of the College's offerings to both working adults and traditional students throughout the tri-county region. The offerings at the North Campus vary each semester.

## Center for Continuing Education and Professional Development

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843.953.6684

The College of Charleston offers many non-credit continuing education courses for professional and personal enrichment. Intensive English language courses, technology and financial planning certificates, graduate test preparation and courses tailored to business and community needs are among the offerings.

For a complete list of non-credit courses offered by the College of Charleston visit [north.cofc.edu/continuing-ed/](http://north.cofc.edu/continuing-ed/).

## Assessment of Institutional Effectiveness and Student Learning

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**Office for Institutional Effectiveness and Planning**

843.953.7526

<http://oiep.cofc.edu/>

Assessment at the College of Charleston is an ongoing and systematic process of gathering, analyzing, and interpreting

evidence to determine how well goals are being achieved and expectations are being met at the course, program and institutional level. The College conducts assessments of academic achievement and student satisfaction; as well as personal and career development. At times these assessments involve the collection and assessment of anonymous student work; as well as the administration of national surveys and proficiency exams. The results are used to enhance the learning environment, improve learning outcomes, and renew curriculum and pedagogy. Assessment evidence demonstrates to stakeholders and accreditors that students are meeting stated learning outcomes and institutional objectives.

#### **Office of Institutional Research and Planning**

843.953.5708

InstRes@cofc.edu

<http://irp.cofc.edu/>

## **Nationally Competitive Awards**

<http://nationalawards.cofc.edu/>

The Office of Nationally Competitive Awards works with students who possess the following qualities to prepare them as candidates for prestigious national and international fellowships:

- GPA of 3.7 or above (recommended).
- Command of the written word.
- Demonstrated success beyond the classroom, in the form of research, community activism, leadership roles, or internships.
- Academic interests beyond those of a single major (demonstrated by a serious minor or a double major).

Fellowships such as the Fulbright, Gates, Marshall, Mitchell, Rhodes, Rotary and Truman provide opportunities that enable highly qualified students to explore academic interests after graduation. These grants can enable one to travel, do research, study at a foreign university, attend graduate school, or pursue an internship. Some fellowships are highly specialized and can only be used for research in a specific country, for study at a specific school, or for academic pursuit in a well-defined area of academic interest. Others are very broad and are available to applicants with imaginative proposals. There are also scholarships and fellowships available for undergraduates with various interests, including: learning a new language (Critical Languages Scholarships), addressing environmental concerns (Udall), pursuing an education in math or science (Goldwater), and exploring understudied cultures (Boren). The Office of Nationally Competitive Awards assists qualified students in finding the fellowships that best fit their interests.

## **Undergraduate Research and Creative Activities**

<http://urca.cofc.edu/>

The Undergraduate Research and Creative Activities (URCA) Program supports creative and scholarly efforts undertaken by undergraduate students in collaboration with faculty mentors. These projects advance the knowledge of the student in an academic discipline, lead to new scholarly insights, and create new works that expand the wealth of the discipline. Participation by an undergraduate in a challenging, scholarly project can be the single most important experience that a student will have in college. Many people have realized their career ambitions and potential as a result of these endeavors, and the training and knowledge gained from the experience are often key factors in the acquisition of professional positions and acceptance in post-graduate programs. The URCA Program supports undergraduate scholarship by offering competitive grants that fund projects, that provide summer stipends for students, and that enable travel to conferences for dissemination of the work. Our broader mission is to enhance and strengthen the quality of faculty-student collaborations on our campus.

## **Maymester and Summer Sessions**

843.953.4831

<http://summer.cofc.edu>

summer@cofc.edu

# The Honors College

843.953.7154

<http://honors.cofc.edu/>

**Trisha Folds-Bennett, Dean**

The Honors College at the College of Charleston challenges bright, motivated students to make the most of the opportunities available to them and to become actively involved in their own education. In Honors classes, students take responsibility for their own learning through class discussions, through interaction with other students and professors, and through independent research. The Honors College is dedicated to providing talented students with a place where they can flourish and grow, a true learning community of teachers and students.

Honors classes are smaller, thereby allowing for more intensive student participation. They are designed to meet the needs of superior students, and many of them are team taught and interdisciplinary so that the student's education transcends the boundaries of traditional academic disciplines. The Honors College gives unusually able students the opportunity to:

- Take special courses designed for students of high ability.
- Engage in independent projects and research.
- Confront greater intellectual challenges and stimulation.
- Receive individualized instruction through a tutorial system.
- Participate in a peer community of students with similar abilities and motivation.
- Live in Honors residence halls with other Honors students.
- Participate in more intensive intellectual discussion and debate.
- Complete scholarly off-campus projects which may include study abroad, internships, or special research projects.

## Admission and Retention in the Honors College

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The Honors College has special procedures for admission and its own retention requirements. Interested students must apply to and be accepted by both the College of Charleston and the Honors College. For instructions on the application process and retention requirements, go to <http://honorscollege.cofc.edu>.

*NOTE: Where space is available, students who are not in the Honors College may take Honors College courses with the permission of the instructor and the Honors College Dean.*

## The Honors Seminar

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Honors colloquia are small, seminar-style classes which emphasize student participation and discussion. They may be more intensive, meet more frequently, and carry more academic credit than courses in the regular curriculum. Honors colloquia are broad in scope and transcend traditional disciplinary boundaries. Frequently, they are team taught by professors from different academic departments.

## The Tutorial System

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An important part of the Honors College is the tutorial system, modeled after the program of instruction at Oxford, Cambridge, Harvard, and other major universities. Each academic department has courses entitled "Tutorial," "Independent Study," and "Bachelor's Essay." These are designed to supplement regular course offerings and to respond to the particular interests, needs, and goals of each student. Together with their tutors, Honors College students design their own individual courses of study, determine reading and written assignments, and plan independent projects. Students in the Honors College enroll in a tutorial or independent study, usually in the junior year, and a bachelor's essay, usually in the senior year, either in the department of their choice or in the Honors College.

## Honors Center and Housing

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The Honors Center, located in one of the historic buildings in the heart of the campus, houses a seminar-style classroom, student computers, and a study/meeting area. It serves as the focal point for the social and intellectual activities of the Honors College. Honors students may also choose to live in Honors housing with other Honors students. The Honors residence halls, Rutledge-Rivers and Buist-Rivers, have Honors residence assistants, hold lectures and seminars in the evenings, and host Honors social activities. In these residence halls, Honors students live in the center of campus, in close proximity to the Honors Center, to the library, and to upperclass Honors students. The Honors Center and residence halls together facilitate a sense of community among Honors College students and faculty.

## Completing the Requirements of the Honors College

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Every student in the Honors College must complete all college-wide graduation requirements, including the requirements for a major. A student becomes an Honors College graduate by fulfilling the following requirements:

1. HONS 100 Beyond George Street (1 credit hour; must be completed in first semester)
2. HONS 110 Honors Academic Writing (4 credit hours; must be completed in first semester)
3. Calculus, MATH 120 or HONS 115 (4 credit hours)
4. A 200-level Math course, MATH 250, MATH 220, HONS 215, or Honors Math Appreciation (3-4 credit hours)
5. HONS 120 and HONS 130, Honors Western Civilization (12 credit hours)
6. HONS 380, 381, or 382 (Honors Interdisciplinary Special Topics course (3-4 credit hours)
7. Any two additional Honors courses (6-8 credit hours)
8. Any three hour or more Independent Study or Tutorial; may be Honors or departmental (3 credit hours)
9. Any six credit hour Bachelor's Essay; may be Honors or departmental (6 credit hours)
10. A cumulative GPA of 3.40 or higher

*NOTE: Some of the above requirements may be satisfied through AP and/or IB credit. Honors College graduates will be so designated on their transcripts and will receive special recognition during the awards and graduation ceremonies. Many students in the Honors College also qualify for departmental honors.*

## International Scholars Program

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843.953.7154

<http://intlscholars.cofc.edu/>

**Dr. Bryan Ganaway, Director**

Under the general direction of the Honors College and the School of Languages, Cultures, and World Affairs, this four year program combines the rigorous and challenging academic experience of honors study with the BA in International Studies and a second major in selected areas. The program, open to approximately a dozen students each year, prepares them not only to be globally aware but globally active as they enter the 21st century as leaders of the emerging international community.

The International Scholars Program customizes the Honors College experience by linking the International Studies BA

with a second major, and emphasizes language study, international service-learning and internships, mentored relationships, and study away. Students develop a curricular program and an undergraduate research agenda that reflects an understanding of global issues and international perspectives. Students go abroad together in the summer following their first year and receive professional mentoring beginning in their sophomore year, continuing through graduation. Coupled with regular professional development workshops on campus, attendance at cultural events and Speaker's Series lectures, students are well-positioned to make the most of a required study abroad or Washington semester in their junior year. At the end of the third year, students will also propose the topic for their independent research project, the Bachelor's Essay.

# School of the Arts

Phone: 843.953.6527

**Valerie Morris, Dean**

**Michael Haga, Associate Dean**

Students at the School of the Arts study with a distinguished faculty of professional artists, scholars and performers who specialize in undergraduate teaching. The School offers a wide range of courses plus educational and cultural opportunities, including travel abroad experiences, for both majors and non-majors. One of the School's major strengths is its commitment to personalized education and high-impact learning experiences. By their nature, the School's disciplines lend themselves to individualized instruction and the development of significant mentoring relationships between the students and the faculty and staff. Working with these mentors, students in the School of the Arts gain an education that prepares them for continued study at the graduate level or entry into the professional workforce.

The School of the Arts' exceptionally talented students, alumni, faculty, and staff regularly win major research grants, competitions, and other awards. These honors include a Grammy nomination; Fulbright fellowships; the Prix de Rome; Guggenheim fellowships; the International Young Soloists Award from VSA, the International Organization on Arts and Disability; Individual Artist Fellowship Awards (in both the visual arts and music) from the South Carolina Arts Commission; South Carolina African American Heritage Commission's "Preserving Our Places in History" Individual Award; the Contemporaries' Artist of the Year award from the Columbia Museum of Art Contemporaries, the museum's young professionals group; the Elizabeth O'Neill Verner Award for the Arts; and recognition through many other fellowships and competitions. The School presents an exciting season of musical events, plays, dance performances, lectures, and gallery exhibitions, including the Monday Night Concert Series, the International Piano Series, the Charleston Music Fest, the Shakespeare Project, Addlestone and Simons lectures in Art History and Historic Preservation, and the annual *Young Contemporaries* exhibition. The School produces many events that are part of Spoleto Festival USA and the Piccolo Spoleto Festival and provides intern support for organizations such as the City of Charleston Office of Cultural Affairs, Spoleto Festival USA, the John F. Kennedy Center for the Performing Arts, *The Village Voice*, Boston's Handel & Haydn Society, and other organizations in South Carolina and across the nation.

## Mission Statement

The School of the Arts of the College of Charleston plays a distinctive role in the lives and education of the students of the College and in the Charleston community by developing artists, art scholars, and art leaders within a liberal arts setting. The education in the arts that we provide stimulates creativity and critical thinking skills, activates the whole learning process and motivates a life-long love for the arts for all students. Within a city known for its cultural heritage, this

superior education marks the School as a national flagship undergraduate arts program.

## Halsey Institute of Contemporary Art

<http://halsey.cofc.edu/>

The Halsey Institute of Contemporary Art (HICA) serves as a focal point for the exhibition and discussion of ideas in contemporary art. As one of only a few non-profit venues in the Charleston area with a mandate to present the work of contemporary artists, it is an essential resource for the community of Charleston and the greater Lowcountry region.

HICA has been presenting exhibitions, lectures, film screenings, publications, a comprehensive website, workshops, symposia, and other events since the Albert Simons Center for the Arts opened in 1978. It is staffed by a Director, Assistant Director, Membership Coordinator, Education and Outreach Coordinator, Traveling Exhibitions Coordinator, Preparator, and Media Specialist.

Students enrolled in the gallery fundamentals class help to install all exhibitions, assist with publicity, and act as monitors during gallery hours. As an art gallery within a liberal arts institution, HICA is committed to providing a direct experience with works of art in all media within an environment that fosters creativity, individuality, innovation, and education.

HICA regularly wins awards and recognition for its exhibitions and its publications. For example, in 2004 the Southeastern College Art Conference presented HICA with an award for Outstanding Exhibition Catalog of Contemporary Materials. In 2010 the Southeastern Chapter of the Art Libraries Society of North America announced that HICA was the recipient of the twenty-sixth annual Mary Ellen LoPresti Art Publication Awards Competition for 2009 publications. The South Carolina Arts Commission named HICA the recipient of the Elizabeth O'Neill Verner Award in the Organization category for 2012. (The Verner Awards are the highest award that South Carolina presents in the arts.) Recently, HICA received major program support from the Andy Warhol Foundation for the Visual Arts, the Harpo Foundation, Gaylord and Dorothy Donnelley Foundation, the National Endowment for the Arts and the National Lunar Science Institute.

## Degrees Offered

### Bachelor of Arts:

- Art History
- Arts Management
- Dance
- Historic Preservation and Community Planning
- Music
- Studio Art
- Theatre



**Minors:**

Art History  
 Arts Management  
 Dance  
 Historic Preservation and Community Planning  
 Music  
 Studio Art  
 Theatre

**Interdisciplinary Minors:**

Arts Management  
 Asian Studies

## Art History

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Phone: 843.953.8285

**Marian Mazzone, Chair**

**Faculty**

Frank Cossa, Tessa Garton, Mary Beth Coffman Heston, Diane Chalmers Johnson, *Professors*  
 Marian Mazzone, Ralph Muldrow, Simons Chair in Preservation, *Associate Professors*  
 Rebekah Compton, Alvaro Ibarra, Barry Stiefel, *Assistant Professors*  
 James L. Ward, *Visiting Assistant Professor*  
 Gayle Goudy, *Instructor*  
 Sherry Wallace, *Curator of Visual Resources*

**About the Department**

The major in art history offers diverse educational experiences in the history of art and culture of Western civilizations, as well as those of Asia and the Americas. A program in historic preservation and community planning is available for students interested in architecture and urban design.

The department strongly supports study abroad programs that enable students to experience firsthand the art, architecture, and urban environments they have studied.

Through a sequence of self-selected courses, students learn to do research, work in two studio art areas (such as drawing, photography, etc.), and express their ideas in oral as well as written presentations – all skills required for any future career.

Our graduates have completed advanced degrees in art history and historic preservation, secured positions in major museums and found fulfilling careers in a variety of areas, such as gallery curatorships, teaching, law and architecture, among others.

**The following major(s) are offered by the department and their requirements are viewable in the Major Requirements Section of the catalog.**

- Art History (B.A.)

**The following minor(s) are offered by the department and their requirements are viewable in the Minor Requirements Section of the catalog.**

- Art History Minor

## Arts Management

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Phone: 843.953.6301

**Scott Shanklin-Peterson, Director**

**Faculty**

Scott Shanklin-Peterson, *Senior Fellow*  
 Karen Chandler, Mark Sloan, *Associate Professors*  
 Jessica Bower, Jeanette Guinn, *Visiting Assistant Professors*

**About the Program**

The exciting field of arts management prepares students to become leaders, managers, and members of arts organizations. The courses emphasize the management, organization, decision-making, and problem-solving skills in the areas of fundraising, financial management, marketing/audience development, artistic and educational programming, policy, governance, and volunteer management relevant to the unique world of the visual and performing arts industry. Internships and participation in the School of the Arts and community arts organizations reinforce classroom experiences. Professional artists and arts industry leaders augment the perspective of the courses.

Teaching staff members include full-time faculty and practicing arts management professionals who act as adjunct faculty members as appropriate to each course.

**The following major(s) are offered by the program and their requirements are viewable in the Major Requirements Section of the catalog.**

- Arts Management (B.A.)

**The following minor(s) are offered by the program and their requirements are viewable in the Minor Requirements Section of the catalog.**

- Arts Management Minor

## Historic Preservation and Community Planning

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Phone: 843.953.3888

**Faculty**

Ralph Muldrow, Simons Chair in Historic Preservation, *Associate Professor*  
 Barry Stiefel, *Assistant Professor*  
 James L. Ward, *Visiting Assistant Professor*

**About the Program**

The goal of the major in Historic Preservation and Community Planning is to introduce the student to the history, theory, and

practice of historic preservation, and to the necessity of linking preservation with parallel issues in community planning. It is no longer adequate to consider the preservation of particular buildings or landscapes without the larger vision of the surrounding context of the object.

The historic preservation major is firmly located within the liberal arts tradition at the College. It is not intended to be "training" for the technical field of historic preservation, but rather as an introduction to the broader issues which are constantly being grappled with by preservationists.

The intention of the program is to awaken in the student an appreciation for the complexity of the field of historic preservation. Through a combination of general and survey courses and specific practical applications (including a required field internship), the student will begin to understand the multitude of forces acting upon cities, towns, and rural areas that either encourage or hinder the preservation of historic sites in the 21st century. And of course, Charleston, one of the cities most closely associated with the preservation movement in America, serves as the perfect laboratory for the study of preservation and urban design issues.

**The following major(s) are offered by the program and their requirements are viewable in the Major Requirements Section of the catalog.**

- Historic Preservation and Community Planning (B.A.)

**The following minor(s) are offered by the program and their requirements are viewable in the Minor Requirements Section of the catalog.**

- Historic Preservation and Community Planning Minor

## Music

Phone: 843.953.5927

**Edward Hart, Chair**

### Faculty

Enrique Graf, *University Artist-in-Residence*

Douglas D. Ashley, Edward Hart, Deanna McBroom, Marc Regnier, Steve Rosenberg, Robert Taylor, *Professors*

Natalia Khoma, Lee-Chin Siow, *Associate Professors*

Blake Stevens, David Templeton, Yiorgos Vassilandonakis, *Assistant Professors*

Robert Lewis, *Visiting Assistant Professor*

Robin Zemp, *Lecturer*

Carol Beyer, *Staff Accompanist*

### About the Department

The Department of Music offers a dynamic program to develop the musicians of tomorrow. The emphasis is on individual instruction by faculty members who are well known performers and scholars. In addition, students work with visiting professional artists and ensembles-in-residence who perform nationally and internationally.

Students may earn a bachelor of arts degree in music, specializing in performance (piano, voice, classical guitar,

orchestral and jazz instruments), theory/composition or history/literature.

The Department of Music, set in the midst of historic Charleston and working with Spoleto Festival USA, the Piccolo Spoleto Festival, and the Charleston Symphony Orchestra, offers students a truly cosmopolitan atmosphere usually found only in major urban centers.

**The following major(s) are offered by the department and their requirements are viewable in the Major Requirements Section of the catalog.**

- Music (B.A.)

**The following minor(s) are offered by the department and their requirements are viewable in the Minor Requirements Section of the catalog.**

- Music Minor

## Studio Art

Phone: 843.953.8286

**Diane Johnson, Chair**

### Faculty

Barbara Duval, John Hull, Herb Parker, Clifton Peacock, Michelle Van Parys, *Professors*

Sara Frankel, *Associate Professor*

Steve Johnson, Jarod Charzewski, *Assistant Professors*

### About the Department

The studio art curriculum is designed to heighten and develop the student's awareness of his/her own aesthetic identity. In studio art courses, students identify and resolve visual problems through intuitive and analytical decision making while dealing with the consequences of those decisions through the resolution of a specific problem. Most studio courses meet for approximately four contact hours per week, allowing for personal and individual interaction between student and instructor as well as the establishment of a forum for the discussion and evolution of ideas.

**The following major(s) are offered by the department and their requirements are viewable in the Major Requirements Section of the catalog.**

- Studio Art (B.A.)

**The following minor(s) are offered by the department and their requirements are viewable in the Minor Requirements Section of the catalog.**

- Studio Art Minor

# Theatre and Dance

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Phone: 843.953.7735

**Todd McNerney, Chair**

## Faculty

Mark Landis, Allen Lyndrup, Valerie Morris, *Professors*

Susan Kattwinkel, Janine McCabe, Gretchen McLaine, Todd McNerney, Evan Parry, Laura Turner, Joy Vandervort-Cobb, *Associate Professors*

Joshua Bond, Charlie Calvert, Paul Collins, Beth Lincks (Visiting), *Assistant Professors*

Brent Laing, *Senior Instructor*

Franklin Ashley, *Professor Emeritus*

John Olbrych, *Associate Professor Emeritus*

## About the Department

The Department of Theatre and Dance offers a vital, National Association of Schools of Theatre (NAST) accredited program in Theatre, and exciting programs of study, designed to develop the theatre and dance practitioners of the future.

From acting to design, from directing to playwriting, from performance to choreography, students encounter ideas, theories and techniques that will enable them to achieve excellence in this highly competitive arena. Students often work with visiting actors, writers, choreographers and directors and have the opportunity for international study as well as faculty supervised trips to major theatre and dance centers. Students also participate in events sponsored by the Southeastern Theatre Conference, the Association for Theatre in Higher Education, the Kennedy Center/American College Theatre Festival and the American College Dance Festival.

Students earn a Bachelor of Arts degree in Theatre with an emphasis in general theatre studies or with a concentration in performance, scenic/lighting design and technology, costume design and technology, or theatre for youth.

Students may also earn a Bachelor of Arts degree in Dance with an emphasis in general dance studies or a concentration in Performance/Choreography.

In addition, students have opportunities to work with Spoleto Festival USA, the Piccolo Spoleto Festival, numerous professional and community theatres and dance companies or on films from major studios shooting in and around Charleston.

**The following major(s) are offered by the department and their requirements are viewable in the Major Requirements Section of the catalog.**

- Theatre (B.A.)
- Dance (B.A.)

**The following minor(s) are offered by the department and their requirements are viewable in the Minor Requirements Section of the catalog.**

- Theatre Minor
- Dance Minor

# School of Business

Phone: 843.953.5627

## Alan T. Shao, Dean

Rhonda W. Mack, *Associate Dean for Graduate Programs*  
 Rene Mueller, *Associate Dean for Undergraduate Programs*  
 Howard F. Rudd, Jr., *Dean Emeritus*  
 Marcia Snyder, *Assistant Dean of Student Learning*  
 Maggie Hill, *Director of Advising*  
 Rene Mueller, *Director, Global Business Resource Center*  
 Frank Hefner, *Director, Office of Economic Analysis*  
 Bing Pan, *Director, Office of Tourism Analysis*  
 Peter Calcagno, *Director, Initiative for Public Choice*  
 Betsy Jane Clary, *Director, SB Honors Program*  
 David Wyman, *Director for the Center of Entrepreneurship*  
 Mark Pyles, *Director of Investment Program*

## Mission Statement

The School of Business serves our state, region, and the global business world by educating socially responsible graduates through practical undergraduate, graduate and professional programs and by advancing the development of our community of scholars in their intellectual pursuits.

We fulfill this Mission by:

- Engaging diverse students in personalized educational experiences that encourage a global mindset, inspire creativity and innovation, and develop leadership skills in preparation for business challenges and opportunities.
- Building a globally oriented faculty who's teaching, research, and service influence students, the business community, and other constituents.

The overall learning goals for our School of Business are as follows:

- **COMMUNICATION SKILLS:** Students will demonstrate the ability, via both written and spoken word, to effectively present, critique, and defend ideas in a cogent, persuasive manner.
- **QUANTITATIVE FLUENCY:** Students will demonstrate competency in logical reasoning and data analysis skills.
- **GLOBAL AND CIVIC RESPONSIBILITY:** Students will be able to identify and define social, ethical, environmental and economic challenges at local, national and international levels. Students will also be able to integrate knowledge and skills in addressing these issues.
- **INTELLECTUAL INNOVATION AND CREATIVITY:** Students will be able to demonstrate their resourcefulness and originality in addressing extemporaneous problems.
- **SYNTHESIS:** Students will be able to integrate knowledge from multiple disciplines incorporating learning from both classroom and non-classroom settings in the completion of complex and comprehensive tasks.

All programs in the School of Business at the College of Charleston are accredited by AACSB (The Association to Advance Collegiate Schools of Business) International, the most prestigious accrediting body for business schools. With over 1,500 current majors and 80 minors from outside of the School, the School of Business is building its reputation for excellence with distinctive programs that emphasize ethical and global awareness and the development of effective communication and problem-solving abilities. Outstanding opportunities are available to our students through internships, study abroad programs and mentoring relationships with alumni and the business community.

## Beta Gamma Sigma

Beta Gamma Sigma is the honor society for students enrolled in business and management programs accredited by AACSB International.

## Admission Standards:

The School of Business (SB) has admission standards to attract and retain students with the ability and commitment necessary for success in business. The standards include the following requirements:

### Completion of the following SB admission courses with no grade less than a "C-":

MATH 104 or 250  
 MATH 105 or 120 or HONS 115  
 ECON 200 or HONS 211  
 ECON 201 or HONS 200  
 ACCT 203\*  
 ACCT 204\*  
 DSCI 232 or HONS 214

*\*NOTE: Economics majors must take MATH 120 and 250 as MATH 105 and 104 are not options in the major. Economics majors may take either MATH 350 or DSCI 232 and are not required to take ACCT 203 or ACCT 204.*

Students must earn a C- or better in all of the SB admission courses in order to be officially admitted to the School of Business. Although a D is a passing grade, a student may not continue in the next course of a sequence until he/she has earned the required C- or better in the prerequisite. For example, a student who earns less than C- in ECON 200 may not take ECON 201 until they make a C- or better in ECON 200. In addition, a passed SB admission course may be repeated only once in the attempt to earn the required minimum grade; failure to earn the required grade on the second attempt will result in ineligibility to declare a School of Business major. Refer to Course Repetition Policy in the catalog under Academic Regulations.

Students should declare their intent to major in the School of Business by their sophomore year. Once a student has completed the SB admission courses (having earned a C- or better), the student may formally declare a major within the School of Business. Students who have not completed the admission courses may only take up to 9 hours of upper-

division (300 level or above) School of Business courses. Exceptions to this 9-hour limit will be made to allow completion of degree requirements for College of Charleston students with programs outside of the School of Business. Students who have successfully completed the stated requirements will be admitted into a major in the School of Business.

Any student who is interested in the programs at the School of Business should contact the Student Success Center for more information on programs, policies and procedures. There will be mandatory advising, monitoring of progress and registration restriction for those who choose this academic path.

## Degrees Offered

### Bachelor of Science:

- Accounting
- Business Administration (see concentrations below)
- Economics
- Finance
- Hospitality and Tourism Management
- International Business
- Marketing

### Bachelor of Science in Business Administration Concentrations:

- Entrepreneurship
- Finance
- Global Logistics and Transportation
- Hospitality and Tourism Management
- Leadership, Change, and Social Responsibility
- Marketing
- Real Estate

### Minors:

*Note: These minors are available for students with majors other than the Bachelor of Science in Business Administration degree.*

- Business Administration
- Economics
- Finance
- Global Logistics and Transportation
- Hospitality and Tourism Management
- Leadership, Change and Social Responsibility
- Real Estate

### Interdisciplinary Minors:

- Arts Management
- Global Trade
- Pre-Actuarial Studies

### NOTES

#### Notes on Policies and Restrictions

1. For all programs in the School of Business, ECON 200 and 201 satisfy the general education requirement for social science, and MATH 104 and 105, required for all SB majors, satisfy the general education requirement for math (cannot use SNAP alternatives).

2. At least fifty percent of the business credit hours required for a major or minor from the School of Business must be completed at the College of Charleston.

3. Majors must complete at least fifty percent of the required credit hours for graduation outside the School of Business.

4. Upper-level courses (300 and 400 level) will not transfer from two-year colleges or non-AACSB accredited four-year colleges.

5. Students with majors outside of the School of Business may receive a maximum of 30 business school credit hours.

## Honors Program in Business

843.953.8100

[sb.cofc.edu/undergraduate/honorsprogram/index.php](http://sb.cofc.edu/undergraduate/honorsprogram/index.php)

### Betsy Jane Clary, Director

The School of Business Honors Program offers a unique, rigorous, and challenging academic experience to a select group of College of Charleston students. The program offers accelerated curricula, independent research opportunities, and individual mentoring experiences with faculty and with alumni for high-caliber, very motivated students who pursue any major within the school.

Each year a group of approximately 20 students is admitted into a four-year program which begins with a summer orientation prior to arriving on campus and continues through the presentation of an honors thesis or capstone project during the senior year.

Students who are accepted into the College of Charleston Honors College and note a preference for any major in the School of Business are automatically considered for the School of Business Honors Program. Acceptance into this program is based on academic achievement, leadership, social diversity, creativity, and community service activities.

## Honors Program in Business Requirements

Students must complete the graduation requirements of the College of Charleston, the Honors College, and the School of Business Honors Program. Many of these courses also satisfy the major requirements in the school.

HONS 180	Honors Business and Consumer Ethics
HONS 200	Honors Economics I
HONS 210	Honors Business Law
HONS 211	Honors Economics II
HONS 214	Honors Business Statistics
HONS 280	Honors Managerial Accounting*
HONS 280	Honors Financial Accounting*
HONS 394	Honors Research Methods

For specific program information, please contact the School of Business Honors Program director.

*NOTE: HONS 280 is actually HONS 280 Special Topics Course (1-4). This course is repeatable up to 12 hours as topics will vary.*

## International Study Abroad

The School of Business is committed to facilitating study abroad opportunities for our students. Study abroad significantly adds to students' educational experience, expanding perspectives in important ways. In a global economy, international experiences can be key to success in business. Effective fall semester 2009, all International Business majors are required to participate in a study abroad activity.

- Advanced, prior to departure, approval must be obtained on all major courses in which the student plans to enroll abroad in consultation with the School of Business Global Studies Office.
- Failure to establish prior approval may result in the delay, failure or inadequate posting of credits from study abroad to the College of Charleston record as well as delays in registration for future semesters.

## Accounting and Legal Studies

Phone: 843.953.7835

**Roger B. Daniels, Chair**

### Faculty

Roger B. Daniels, *Professor of Accounting*

William R. Koprowski, *Professor of Legal Studies*

Roxane DeLaurell, *Associate Professor of Legal Studies*

Linda J. Bradley-McKee, Jeffery A. Yost, *Associate Professors of Accounting*

Chris Birkel, *Assistant Professor of Legal Studies*

Kevin C. Carduff, Gerry Grant, Dan Harris, Robert Hogan,

Martin Persson, *Assistant Professors of Accounting*

### About the Department

#### Bachelor of Science in Accounting

The Accounting Program is committed to providing a high-quality accounting education in a liberal arts environment; inspiring the development of ethical values, leadership skills and international awareness; offering academic programs responsive to the accounting community; providing expertise to the public; preparing students for divergent careers in accounting, including the use of technology within the profession; fostering a commitment to lifelong learning by stressing the dynamic nature of the accounting profession; and supporting faculty excellence in teaching, scholarship and service.

*See notes under section for School of Business.*

The following major(s) are offered by the department and their requirements are viewable in the Major Requirements Section of the catalog.

- Accounting (B.S.)

## Economics and Finance

Phone: 843.953.8100

**Jocelyn D. Evans, Chair**

### Faculty

Betsy Jane Clary, Jocelyn D. Evans, Frank L. Hefner, J. Michael Morgan, Douglas M. Walker, Elaine Worzala, *Professors*

Calvin Blackwell, Peter T. Calcagno, Hao-Chen Liu, Godfrey Gibbison, Mark K. Pyles, Mark Witte, *Associate Professors*

Beatriz Maldonado-Bird, Chris Cain, Jessica Madariaga,

Norman Maynard, Weishen Wang, *Assistant Professors*

Marcia S. Snyder, *Senior Instructor*

### About the Department

#### Bachelor of Science in Economics

The mission of the Department of Economics and Finance is to provide high-quality undergraduate and graduate instruction in economics and finance in support of the School of Business.

The economics program fulfills three primary objectives by giving students a broad exposure to concepts, theories, analytical techniques and applications.

1. The curriculum content stimulates interest in social, political and economic issues since many of the major problems and challenges facing the nation and the rest of the world today are either partially or wholly economic in nature.
2. The program teaches analytical methods and concepts that are important in preparing students for administrative positions in business and government.
3. Majors receive a solid foundation for graduate study in economics.

Economists work in manufacturing, transportation, communications, banking, insurance, retailing and investment firms, as well as in government agencies, trade associations, educational institutions, and consulting organizations.

Economists provide valuable assistance in analyzing and interpreting the impact of the business cycle, government policies and international developments on consumer demand, prices, costs, competitive pressures and financial conditions. Such analysis and interpretations are vital to the successful operation of business firms.

*NOTE: Economics courses satisfy the College's social science requirement.*

#### Bachelor of Science in Finance

The mission of the Department of Economics and Finance is to provide high-quality undergraduate and graduate instruction in economics and finance in support of the School of Business.

The finance program fulfills three primary objectives by providing students a broad exposure to concepts, theories, analytical techniques and applications.

1. The content of the curriculum will provide students the opportunity to examine all facets of a financial system, either in part or whole.
2. Students will be exposed to theories and concepts and will learn how to apply in realistic financial environments.
3. Majors receives a solid foundation for graduate study of professional certification programs in finance.

A degree in finance will prepare students for work in business, financial institutions, financial markets, and international finance, as well as in government agencies, educational institutions, and consulting organizations. Those working in the financial industry provide valuable assistance in analyzing and interpreting firm cash flows and values, market cycles, government policies and international developments on currencies, financial systems and financial conditions. Such analysts and interpretations are vital to the successful operation of business firms.

#### **Real Estate Concentration**

The commercial real estate concentration at the College of Charleston prepares students for career positions in the commercial real estate industry, including: investment opportunity analysis, investment and leasing brokerage, development, banking, valuation and appraisal, market analysis and asset management. The concentration requires 18 credit hours for business administration majors.

In addition to coursework, the program sponsors an active Real Estate Club that offers numerous out-of-classroom learning experiences to give students opportunities to enhance their "real world" knowledge. The program also offers access and exposure to many of software packages currently used to make real estate valuation decisions including ARGUS and CoStar.

*Also, see notes under section for School of Business.*

**The following major(s) are offered by the department and their requirements are viewable in the Major Requirements Section of the catalog.**

- Economics (B.S.)
- Finance (B.S.)

**The following minor(s) are offered by the department and their requirements are viewable in the Minor Requirements Section of the catalog.**

- Economics Minor
- Finance Minor
- Real Estate Minor

## **Hospitality and Tourism Management**

Phone: 843.953.7992

**Robert E. Frash, Jr., Chair**

### **Faculty**

John C. Crotts, Stephen W. Litvin, *Professors*

Robert E. Frash, Jr., Bing Pan, Wayne W. Smith, *Associate Professors*

Brumby McLeod, *Assistant Professor*

Andrea S. Canberg, *Instructor*

### **About the Department**

The Department of Hospitality and Tourism Management is committed to providing students a high-quality hospitality management education in a liberal arts environment supported by a progressive series of practical, applied, and experiential learning opportunities at one of the world's premier destinations. The program inspires every hospitality management student to become a lifelong learner who is guest-focused, ethical, innovative, globally aware, computer-fluent, and an effective communicator. In addition, each student should be able to function collaboratively and comfortably in an environment characterized by diversity, uncertainty, and rapid change.

The Department of Hospitality and Tourism Management allows students to focus their courses of study in hotel and resort management, food service management, and events management. In addition, students may emphasize sales and marketing, human resource management and general management in their coursework and internships.

*NOTE: Students desiring to double major in HTMT and BADM are required to take DSCI 304 and MGMT 408 in addition to completing all requirements of the HTMT major.*

**The following major(s) are offered by the department and their requirements are viewable in the Major Requirements Section of the catalog.**

- Hospitality and Tourism Management (B.S.)

**The following minor(s) are offered by the department and their requirements are viewable in the Minor Requirements Section of the catalog.**

- Hospitality and Tourism Management Minor

## **Management and Entrepreneurship**

Phone: 843.953.7658

**Thomas W. Kent, Chair**

<http://sb.cofc.edu/academicdepartments/management/index.php>

### **Faculty**

Thomas W. Kent, Kelly G. Shaver, *Professors*

Gordon E. Dehler, David Desplaces, David J. Hansen, Carrie Blair Messal, *Associate Professors*

Elise P. Crawford, David Wyman, *Assistant Professors*

Harland E. Hodges, *Senior Instructor*

Trent D. Salvaggio, *Instructor*

Ben R. Lever III, *Executive-in-Residence*

### Entrepreneurship Concentration

The Entrepreneurship concentration gives students the opportunity to study the process of business creation while honing the skills needed for success. The concentration requires 18 credit hours for business administration majors. The goal is to provide an "insider's" understanding of the entrepreneurial process and to help you think creatively across the business spectrum. Small companies create nearly 70 percent of the new jobs in the U.S., and in South Carolina nearly 80 percent of businesses have 19 or fewer employees. This is the dynamic business environment for which the Entrepreneurship concentration is excellent preparation.

**The following major(s) are offered by the department and their requirements are viewable in the Major Requirements Section of the catalog.**

- Business Administration (B.S.)

**The following minor(s) are offered by the department and their requirements are viewable in the Minor Requirements Section of the catalog.**

- Business Administration Minor
- Leadership, Change, and Social Responsibility Minor

## Marketing and Supply Chain Management

Phone: 843.953.5481

**Julia E. Blose, Chair**

### Faculty

Kent N. Gourdin, Mark F. Hartley, Rhonda W. Mack, Rene D. Mueller, Robert E. Pitts, Alan T. Shao, *Professors*

Julia E. Blose, Jose V. Gavidia, Marvin E. Gonzalez, James D. Mueller, Gioconda Quesada, Henry Yu Xie, *Associate Professors*

Chen-Huei Chou, Joshua M. Davis, Jeff T. Shockley, *Assistant Professors*

Glen Riecken, *Visiting Professor*

### About the Department

#### Bachelor of Science in International Business

Rene Mueller, Director, Global Trade Initiative  
(843.953.5394)

The international business major allows students to address the challenges of an increasingly global market environment. Blending the College's liberal arts and sciences foundation with a strong internationalized business curriculum, the major presents many challenging and exciting options while providing an essential perspective of diversity. Furthermore, the requirement for an area studies or language minor allows students to create a course of study in international business tailored to their specific interests.

**The following major(s) are offered by the department and their requirements are viewable in the Major Requirements Section of the catalog.**

- International Business (B.S.)
- Marketing (B.S.)

**The following minor(s) are offered by the department and their requirements are viewable in the Minor Requirements Section of the catalog.**

- Global Logistics and Transportation Minor
- Global Trade Minor



# School of Education, Health, and Human Performance

<http://ehhp.cofc.edu>

Phone: 843.953.5613

## Frances Welch, Dean

Floyd Breeland, *Coordinator, Changing the Face of Teaching*

Karen Hakim-Butt, *Associate Dean*

Courtney Howard, *Director, Center for Partnerships to Improve Education*

Candace Jaruszewicz, *Director, Early Childhood Development Center*

Andrew Lewis, *Director, Professional Development*

Charissa Marrah Owens, *Interim Director, Teaching Fellows*

Kathy Schwalbe, *Director, Office of Student Services and Certification*

## Mission Statement

The mission of the School of Education, Health, and Human Performance at the College of Charleston is the development of educators and health professionals to lead a diverse community of learners toward an understanding of and active participation in a highly complex world. Our vision is to be a community of diverse leaders who ensure exemplary learning and wellness opportunities for all individuals. These opportunities are created by professionals who make the teaching-learning connection.

Our teacher education programs are accredited by the National Council for Accreditation of Teacher Education (NCATE) and approved by the South Carolina Department of Education (SCDE) and the South Carolina Commission on Higher Education (SCHE), and each education major is accredited by its respective Special Program Association (SPA).

Our athletic training education program is accredited by the Commission on Accreditation of Athletic Training Education (CAATE), our physical education teacher education program is nationally recognized by the National Association of Sport and Physical Education (NASPE), and the exercise science program has been designated as a program of recognition by the National Strength and Conditioning Association.

## Degrees Offered

### Bachelor of Science:

Athletic Training

Early Childhood Education

Elementary Education

Exercise Science

Middle Grades Education

Physical Education Teacher Education

Public Health

Special Education

**Foreign Language Education Major (B.S.)** for those with content majors in:

Classics B.A. (Latin)

French and Francophone Studies (B.A.)

German (B.A.)

Spanish (B.A.)

**Secondary Education Cognate Major (B.S.)** for those with content majors in:

Biology (B.S.)

Chemistry (B.A.)

English (B.A.)

Mathematics (B.S.)

Physics (B.A.)

History (B.A.) (Social Studies)

Political Science (B.A.) (Social Studies)

Sociology (B.S.) (Social Studies)

## Minors:

Coaching

Health

*NOTE: Students interested in the teacher education program should contact the Office of Student Services and Certification (OSSC) at 843.953.5613 to declare a major or minor and to complete a program of study. The program of study will assure courses taken to meet College of Charleston requirements will also meet the requirements for admission to the teacher education program.*

## Teacher Education

<http://teachered.cofc.edu>

Phone: 843.953.5613

**Meta Van Sickle, Chair**

**Robert Perkins, Associate Chair**

## Faculty

Christine Finnan, Mary Jones, Denis Keyes, Martha Nabors, Michael Skinner, Julie Swanson, Meta Van Sickle, *Professors*

Angela Cozart, Margaret Hagood, Rénard Harris, Genevieve Hay, Brian Lanahan, mutindi ndunda, Robert Perkins, Emily Skinner, Bonnie Springer, William Veal, *Associate Professors*

Reid Adams, Kristen Ashworth, Laura Brock, Quinn Burke, Sarah Davis, Anne Gutshall, Jon Hale., Tracey Hunter-Doniger, Beth Lloyd, Kelley Mayer-White, *Assistant Professors*

Susan Flynn, *Instructor*

## About the Department

The Department of Teacher Education prepares teachers to meet the educational needs of children and youth in the areas of early childhood, elementary, foreign language, middle

level, secondary, and special education. The curriculum involves coursework on campus as well as field experiences and clinical practice in diverse school settings.

### General Education Requirements:

Teacher education programs may have general education requirements in addition to those listed by the College of Charleston. See the Program of Study worksheets for specifics (<http://ehhp.cofc.edu/student-resources/pos.php>)

*NOTE: A grade of C or better in Introduction to Education (EDFS 201) is a prerequisite for admission to all Teacher Education majors and minors.*

### Requirements for Admission to Teacher Education Programs

Until all of the following requirements for admission to the teacher education program are met and on file in the Office of Student Services and Certification, students may only take two teacher education program courses – EDFS 201 and EDFS 303 - prior to acceptance into a teacher education program. See the chair of the Department of Teacher Education for details.

1. Declare a major in teacher education with the Office of Student Services and Certification (OSSC).
2. Meet with assigned advisor(s) for general education planning.
3. Achieve passing scores on all three sections of the PRAXIS I exam or achieve qualifying SAT/ACT scores. Scores must be sent to the College of Charleston (Code R5113) and the SCDE (Code R8108).
4. Maintain minimum cumulative GPA of at least 2.5.
5. Complete the program-specified minimum number of general education requirements. (See advisor and/or program of study.)
6. Complete EDFS 201 with a grade of "C" or better.
7. Complete Essential Skills Statement.
8. Submit three assessments of dispositions completed by:
  - General education professor
  - EDFS 201 instructor
  - Someone knowledgeable about candidate's involvement with children/youth
9. Submit a completed application for the teacher education program to the OSSC.

### Transfer Students

1. Submit a completed Transfer Application for the teacher education program to the OSSC.
2. Have transcripts evaluated by the Office of the Registrar to determine general course equivalence. All education courses and those that may be considered for professional education requirements will be further evaluated by the School of Education, Health, and Human Performance.

### Retention in Teacher Education Programs and Acceptance to Clinical Practice

The teacher education program involves a combination of coursework and field-based learning, culminating in a semester-long clinical practice internship. Throughout the program, the candidate's progress is reviewed by a series of assessments that measure performance in relation to established standards. To maintain good standing in a teacher education program and be admitted to clinical practice, the candidate must:

1. Maintain an acceptable program portfolio.
2. Maintain a minimum GPA of 2.5 in general education courses.
3. Maintain a minimum GPA of 3.0 in education courses.
4. Complete all program-specified courses and general education courses.
5. Achieve passing scores on PRAXIS II or have proof of registration.
6. Maintain acceptable assessment of dispositions at the developing competency level.

*NOTE: The application form and all requirements for admission to the teacher education program must be sent to the director of the Office of Student Services and Certification. After these materials are reviewed, the candidate will be notified of any additional requirements necessary for admission. Admission to a program does not guarantee admission to clinical practice or certification.*

### Clinical Practice

Candidates must apply to be admitted to the teacher education program at least one semester prior to clinical practice. Assignments for field experience and clinical practice placements are made within the Tri-county area.

*NOTE: Taking additional coursework during the clinical practice semester must be approved by the chair of the Department of Teacher Education.*

### Recommendation for Certification

Certification to teach is granted by the South Carolina State Department of Education. To receive a teaching certification, a candidate must complete an approved degree program and be recommended by the School of Education, Health, and Human Performance. The following requirements specified in the Unit Assessment System must be met before the candidate receives a recommendation for certification. The candidate's progress is reviewed by a series of assessments that measure performance in relation to established standards. To maintain good standing in a teacher education program and be admitted to clinical practice, the candidate must:

1. Maintain an acceptable program portfolio.
2. Maintain a minimum GPA of 2.5 in general education courses.
3. Maintain a minimum GPA of 3.0 in education courses.
4. Complete all program-specified courses and general education courses.
5. Achieve passing scores on PRAXIS II.

6. Maintain acceptable assessment of dispositions at the competency level.

*NOTE: Completion of an approved program does not automatically ensure certification recommendation by the School of Education, Health, and Human Performance. Although completion of the approved program of study will usually result in recommendation, it may be withheld as a result of failure to satisfactorily complete the requirements.*

### **Title II Report Card**

The College of Charleston Title II Report Card can be found on the South Carolina Department of Education Title II website, <http://title2.ed.gov>. Copies of the report can also be requested by contacting the director of the Office of Student Services and Certification at 843.953.5613 or at 86 Wentworth St., College of Charleston, Charleston, SC 29424. To discuss the College of Charleston Title II Report Card, contact the Dean of the School of Education, Health, and Human Performance at 843.953.5613. For the purpose of Title II reporting, a program completer is defined as a candidate who has successfully completed clinical practice.

**The following major(s) are offered by the department and their requirements are viewable in the Major Requirements Section of the catalog.**

- Early Childhood Education (B.S.)
- Elementary Education (B.S.)
- Foreign Language Education (B.S.)
- Middle Grades Education (B.S.)
- Physical Education Teacher Education (B.S.)
- Secondary Education Cognate Major (B.S.)
- Special Education (B.S.)

### **Early Childhood Education (B.S.)**

The undergraduate degree program in early childhood education is designed to prepare entry level teachers who will provide high quality, developmentally appropriate programs for young children (grades PreK – 3 and ages birth through eight) and who will continue to engage in professional growth and development after the completion of the program and initial certification. Early childhood education majors explore the physical, social, intellectual, and emotional development of young children. Candidates for this degree use their understanding of young children’s characteristics and needs to create environments that are healthy, respectful, supportive, and challenging for all children. Candidates understand and value the importance and complexity of children’s families and communities and use this understanding to develop programs and partnerships that support the development and learning of all children. Candidates use multiple, systematic observations and other assessment strategies as an integral part of their practice. The early childhood education program is nationally recognized by the National Association for the Education of Young Children (NAEYC). Requirements for completion of this major can be found in the Major Requirements section of the catalog.

### **Elementary Education (B.S.)**

The undergraduate degree program in elementary education prepares candidates with content knowledge and skills to

implement a curriculum based on sound knowledge and learning strategies in elementary classrooms (grades 2 – 6). Elementary education majors are grounded in the development and needs of students in grades two through six and how those realities play out against a backdrop of race, ethnicity, religion, gender, socioeconomic status, family, and community. Candidates develop and use multiple means of assessment to provide ongoing, useful feedback to both students and teachers on what students have learned and to guide instructional decisions to improve student learning. Candidates are prepared to differentiate instruction in classes with students of diverse needs, interests, backgrounds, and learning styles. The elementary education program is nationally recognized by the Association for Childhood Education International (ACEI). Requirements for completion of this major can be found in the Major Requirements section of the catalog.

### **Foreign Language Education (B.S.)**

The undergraduate cognate program in foreign language education incorporates second-language acquisition theories and methods to prepare students to teach languages in grades PreK - 12. To be awarded, the foreign language education cognate major will require successful completion of an approved content major in Classics, French, German, or Spanish. The foreign language cognate program is nationally recognized by the American Council on the Teaching of Foreign Languages (ACTFL). Information about the content majors in foreign language can be found in the School of Languages, Cultures, and World Affairs section of the catalog. Requirements for completion of the content and cognate majors can be found in the Major Requirements section of the catalog.

### **Middle Grades Education (B.S.)**

The undergraduate degree program in middle grades education prepares candidates with content knowledge in two areas of concentration (either English, social studies, math or science) in order to become effective middle school teachers (grades 5 – 8). Candidates will learn about how young adolescents are different from young children and older adolescents and how middle level schools are different from elementary or high schools. The program teaches candidates how students develop and hone literacy skills, how students comprehend mathematical concepts, and how to utilize the most effective means of instruction. Teacher education candidates are prepared to understand how to create effective learning environments and how to balance the needs of students who learn at different paces. The goal of the program is to produce versatile educators who do not just teach, but who affect emotional, intellectual, and social development in each of their students. The middle grades education program is nationally recognized by the National Middle School Association (NMSA). Requirements for completion of this major can be found in the Major Requirements section of the catalog.

### **Physical Education Teacher Education (B.S.)**

The School of Education, Health, and Human Performance provides a Teacher Education Program for candidates majoring in Health and Human Performance who seek to become certified physical education teachers. Information

about this program is located in the Department of Health and Human Performance section.

### Secondary Education Cognate (B.S.)

The undergraduate degree program in secondary education develops exceptional teachers who prepare future generations of learners and leaders in high school (grades 9 – 12). The secondary education cognate major is available to students who major in biology, chemistry, English, mathematics, physics, and social studies (history, political science, and sociology). The true strength of the cognate major comes from enabling candidates to embrace their liberal arts undergraduate experience, focus on their content area major, and develop their pedagogical knowledge and skills in the cognate major. The biology, chemistry, and physics programs are nationally recognized by the National Science Teachers Association (NSTA); the English program is nationally recognized by the National Council of Teachers of English (NCTE); the history, political science, and sociology programs which result in recommendation for certification in social studies are nationally recognized by the National Council for Social Studies (NCSS); and the mathematics program is nationally recognized by the National Council for Teachers of Mathematics (NCTM). Requirements for completion of this major can be found in the Major Requirements section of the catalog.

### Special Education (B.S.)

The special education program emphasizes the importance of knowing students as individuals. Candidates for this degree develop knowledge in the typical characteristics of the disability area(s) in which they are training (emotional disabilities [ED], learning disability [LD], mental disabilities [MD]) and also learn to understand the imperative to consider individual differences in all aspects of program planning, instruction, assessment, working with parents, and communication. Instructional pedagogies include creating and maintaining effective learning environments, assessing student learning, planning for instruction, and delivering instruction using a variety of strategies. Teacher education candidates evaluate the effectiveness of their pedagogy through reflection and assessment. They are prepared to work collaboratively with parents, other professionals, paraprofessionals, and administrators for the benefit of students in grades PreK – 12. The special education program is nationally recognized by the Council for Exceptional Children (CEC). Requirements for completion of this major can be found in the Major Requirements section of the catalog.

## Health and Human Performance

<http://hhp.cofc.edu>

Phone: 843.953.7291

**Michael G. Flynn, Chair**

### Faculty

Michael Flynn, William Barfield, *Professors*

Susan Balinsky, Susan Rozzi, Karen Smail, *Associate Professors*

Andrea DeMaria, Wesley Dudgeon, Michael Hemphill, Miriam Klous, John Kresse, Matthew Page, Kate Pfile, Olivia Thompson, *Assistant Professors*

Marie Barnette, Tom Carroll, *Senior Instructors*

### About the Department

The Department of Health and Human Performance offers majors in athletic training, exercise science, physical education teacher education, and public health, and minors in health and coaching. The Department also offers a wide range of activity courses that enrich the overall student experience at the College of Charleston. The department's primary mission is to develop inspirational, global leaders in education, science and research, promoting critical thinking skills to stimulate intellectual curiosity. The Department of Health and Human Performance provides excellent academic training and experiences for students who wish to pursue advanced studies in medicine, physical therapy and other allied health professions.

**The following major(s) are offered by the department and their requirements are viewable in the Major Requirements Section of the catalog.**

- Athletic Training (B.S.)
- Exercise Science (B.S.)
- Physical Education Teacher Education (B.S.)
- Public Health (B.S.)

**The following minor(s) are offered by the department and their requirements are viewable in the Minor Requirements Section of the catalog.**

- Coaching Minor
- Health Minor

### Athletic Training (B.S.)

The undergraduate degree program in athletic training is accredited by the Commission on Accreditation of Athletic Training Education (CAATE). The program is a competitive and selective academic program that leads to a B.S. degree in athletic training and prepares students for a professional career in the field of athletic training. Candidates must make application to and be selected into this program. Upon completion of the program, the candidate is eligible for the Board of Certification (BOC) administered certification examination. Once an athletic training student passes the certification examination, s/he may use the designation "ATC." Requirements for completion of this major can be found in the Major Requirements section of the catalog.

### Athletic Training Application Process

Candidates may make application to the Athletic Training Education Program during the fall semester in which they are enrolled in ATEP 245 and ATEP 245L. Candidates will only be accepted during the fall semester of the year. Once accepted, candidates must complete a minimum of five consecutive semesters of academic and clinical education coursework. Therefore, candidates interested in the Athletic Training Education Program should meet with the athletic

training program director as soon as possible. The number of candidates accepted into the program each year is limited and is based upon the availability of clinical supervisors and quality clinical educational opportunities. The clinical education component of this program provides candidates the opportunity to participate in extensive clinical experiences in traditional collegiate, and high school venues, as well as the non-traditional setting of the sports medicine clinic, and other athletic health care settings. Once accepted into the program, students are responsible for their own transportation to and from the clinical venues.

Candidates seeking admission into the program must meet the following selection criteria:\*

1. Be enrolled at the College of Charleston as a declared Athletic Training major.
2. Possess a current overall GPA of 2.50.
3. Earn a grade of "B" or higher in the following courses (offered in Fall semester ONLY): ATEP 245 Athletic Injury Prevention and Management, ATEP 245L Athletic Injury Prevention and Management Laboratory.
4. Complete 100 hours of observation in an athletic training setting (i.e., high school athletic training room, college training room, sports medicine clinic) as validated by a BOC certified athletic trainer (ATC).
5. Hold current First Aid and CPR for the Professional Rescuer certifications.
6. Complete a written application and a statement of professional intent.
7. Complete a health examination to verify ability to meet program's technical standards.
8. Complete an interview with the athletic training education program staff and faculty.

*\*Meeting selection criteria does not guarantee admission to the program.*

### **Exercise Science (B.S.)**

The undergraduate degree program in exercise science is designed for students wishing to pursue graduate degrees in exercise science and/or attend graduate programs in the allied health professions (physical therapy, physician's assistant, occupational therapy, and nursing), medicine, and dentistry. The program provides students with the core competencies to become certified as a Health/Fitness Specialist by the American College of Sports Medicine (ACSM) and/or as a Certified Strength and Conditioning Specialist by the National Strength and Conditioning Association (NSCA). Students receive training and experiences to qualify them for careers in the exercise/sport sciences and careers in the fitness/wellness industry. Students take courses in exercise physiology, biomechanics, kinesiology (functional anatomy), motor control and development, fitness assessment and exercise prescription, therapeutic exercise, and other areas. These programs develop "core competencies" for Health/Fitness Specialist certification (ACSM) and Certified Strength and Conditioning Specialist certification (NSCA). Content areas on the Health/Fitness Specialist and Certified Strength and Conditioning Specialist exams are closely paralleled by the

course offerings in the exercise science major. Requirements for completion of this major can be found in the Major Requirements section of the catalog.

### **Physical Education Teacher Education (B.S.)**

The undergraduate degree program in physical education teacher education is designed for candidates who seek to become certified public school physical education teachers in grades PreK – 12. The physical education teacher education program is nationally recognized by the National Association for Sport and Physical Education (NASPE). Requirements for completion of this major can be found in the Major Requirements section of the catalog.

### **Public Health (B.S.)**

Public Health majors will examine health on local, national, and global levels as they learn to think critically about health issues in multiple contexts. This degree prepares students for a variety of jobs in the health sector or for advanced degrees in public health or other health-related fields. The Public Health B.S. program is recommended for students who are considering careers in allied health fields as well as non-profit or for-profit health agencies, health promotion programs, or public health administration to name a few. Those students interested in health communication, health policy or health administration should also consider the Public Health B.A. program offered through the School of Humanities and Social Sciences. Requirements for completion of this major can be found in the Major Requirements section of the catalog.

### **Coaching Minor**

The coaching minor is designed to provide students with a basic understanding of coaching at all levels: youth, elementary, high school, college and professional. This minor is designed to assist coaches in developing effective organizational, motivational and teaching strategies to guide successful programs. The coaching minor is available to students in all majors, provided there is no overlap in course requirements. Requirements for completion of this minor can be found in the Minor Requirements section of the catalog.

### **Health Minor**

The health minor is available to students who are not majors in Public Health. Students should declare the minor and take 18 credit hours of approved courses. Requirements for completion of this minor can be found in the Minor Requirements section of the catalog.

*NOTE: The maintenance of a minimum GPA of 2.0 in the health minor coursework is required for successful certification of the health minor on the student's transcript.*

# School of Humanities and Social Sciences

Phone: 843.953.0760

**Jerold L. Hale, Dean**

## Mission Statement

The School of Humanities and Social Sciences prepares students to be independent, engaged, lifelong learners who write with confidence, speak with clarity, solve complex problems, and act as responsible citizens.

## Degrees Offered

### Bachelor of Arts:

- Communication
- English
  - Creative Writing concentration
- History
- Philosophy
- Political Science
- Psychology
- Public Health
- Religious Studies
- Urban Studies
- Women's and Gender Studies

### Bachelor of Science:

- Anthropology
- Psychology
- Sociology

### Minors:

- Anthropology
- Communication
- Creative Writing
- English
- Geography
- History
- Philosophy
- Political Science
- Psychology
- Religious Studies
- Sociology

### Interdisciplinary Minors:

- Archaeology
- Crime, Law, and Society
- Environmental Studies
- Film Studies
- Neuroscience
- Women's and Gender Studies

## Teacher Education Programs:

- English
- History (Social Studies)
- Political Science (Social Studies)
- Sociology (Social Studies)

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## Anthropology

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Phone: 843.953.5738

**Heath C. Hoffmann, Chair**

### Faculty

- Christine Finnan, Maureen Hays, Brad R. Huber, John H. Rashford, *Professors*
- Barbara E. Borg, Dana A. Cope, E. Moore Quinn, *Associate Professors*
- Hector Qirko, *Assistant Professor*
- Dee Dee Joyce, *Senior Instructor*

### About the Department

Anthropology, through its global and comparative approach, explores human biological and cultural similarities and differences, both in the past and in the present. Anthropology is traditionally divided into four subdisciplines (archaeology, biological anthropology, linguistic anthropology, and sociocultural anthropology) through which it is linked to other social and natural sciences and the humanities.

**The following major(s) are offered by the department and their requirements are viewable in the Major Requirements Section of the catalog.**

- Anthropology (B.S.)

**The following minor(s) are offered by the department and their requirements are viewable in the Minor Requirements Section of the catalog.**

- Anthropology Minor

# Communication

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Phone: 843.953.7017

**Bethany C. Goodier, Chair**

## Faculty

Douglas Ferguson, Celeste Lacroix, Brian McGee, *Professors*  
 Vince Benigni, Lynn Cherry, Julie Davis, Kathleen DeHaan,  
 Merissa Ferrara, Bethany Goodier, Tom Heeney, Jenifer  
 Kopfinan, Deborah Socha McGee, Amanda Ruth McSwain,  
 Kirk Stone, Elena Strauman, Robert Westerfelhaus, *Associate*  
*Professors*

Michael Lee, Nam-Jin Lee, Ryan Milner, David Moscowitz,  
 Leigh Moscowitz, David Parisi, Beth Sundstrom, *Assistant*  
*Professors*

## About the Department

Undergraduates in the Department of Communication learn in one of the nation's most innovative communication programs, with majors taking two year-long courses devoted to core communication competencies and more specialized topics. To address constantly evolving communication practices, our distinctive, integrated curriculum discourages specialization in technologies and professional practices that quickly become obsolete. Instead, communication students are exposed to ideas and develop proficiencies that will sustain them for a lifetime.

In this department, students become communication experts who write beautifully, speak eloquently, think critically, and research effectively. Our students and faculty understand communication as a liberal art.

The department's curriculum is integrated, covering the entire range of communication topics. Courses consider such subjects as journalism, public relations, new and emerging media, social movements, public opinion, rhetoric, cultural studies, communication between physicians and patients, electronic gaming, and organizational communication.

The study of communication has its origins in antiquity, and effective and ethical communication is essential to success in contemporary life. The departmental mission emphasizes leadership in communication, and all communication students consider such essential topics as communication ethics and solving difficult communication problems.

The department has one of the College's largest internship programs. Communication majors are encouraged to complete one or more internships, whether for credit or non-credit bearing, before completing the communication major.

**The following major(s) are offered by the department and their requirements are viewable in the Major Requirements Section of the catalog.**

- Communication (B.A.)

**The following minor(s) are offered by the department and their requirements are viewable in the Minor Requirements Section of the catalog.**

- Communication Minor

# English

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Phone: 843.953.5665

**Scott Peeples, Chair**

## Faculty

Terence Bowers, Timothy Carens, Bonnie Devet, Julia Eichelberger, Susan Farrell, Joseph Kelly, Simon Lewis, Bret Lott, Cynthia Lowenthal, Scott Peeples, Myra Seaman, Kay Smith, Patricia Ward, *Professors*

Doryjane Birrer, John Bruns, J. Michael Duvall, Conseula Francis, Valerie Frazier, Colleen Glenn, Gary Jackson, Amy Mecklenburg-Faenger, Alison Piepmeier, Catherine Thomas, Anthony Varallo, Christopher Warnick, Anton Vander Zee, *Associate Professors*

Kathleen Beres Rogers, Emily Rosko, William Russell, *Assistant Professors*

Elizabeth Baker, Marie Fitzwilliam, Catherine Holmes, Marguerite Scott-Copses, *Senior Instructors*

## About the Department

The Department of English seeks to teach each student to read with insight, perception, and objectivity and to write with clarity and precision. The English major provides upper-level students with an understanding of their literary heritage, an aesthetic appreciation of literary art, and a knowledge of the importance of literature in the life of any thinking individual.

**The following major(s) are offered by the department and their requirements are viewable in the Major Requirements Section of the catalog.**

- English (B.A.)
- English Major with Concentration in Creative Writing (B.A.)

**The following minor(s) are offered by the department and their requirements are viewable in the Minor Requirements Section of the catalog.**

- English Minor
- Creative Writing Minor
- Film Studies Minor

# History

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Phone: 843.953.1420/5711

**Phyllis G. Jestice, Chair**

## Faculty

Richard Bodek, Timothy J. Coates, Edmund L. Drago, Phyllis G. Jestice, Bernard E. Powers, Jr., *Professors*

Gao Bei, Christophe Boucher, Timothy Carmichael, Jason Coy, Cara Delay, Irina Gigova, William Olejniczak, Peter Piccione, W. Scott Poole, *Associate Professors*

Lisa Covert, Tammy Ingram, Assan Sarr, Sandra Slater, Jacob Steere-Williams, *Assistant Professors*

Ted Blanton, John Lary, Daniel Ryan, Jennifer Welsh, *Visiting Assistant Professors*

### About the Department

The study of history provides a unique perspective and understanding of the human condition, past and present. The examination and comprehension of history promotes the development of the research, analytical, and communicative skills needed in many fields. Libraries, historical societies, museums, archives, and similar institutions provide career options for the history major, as do government service, journalism, the ministry, education, politics, and the theater. A background in history also affords an excellent preparation for either medical or law school. Furthermore, many businesses hire people with a good background in an area of the humanities such as history.

**The following major(s) are offered by the department and their requirements are viewable in the Major Requirements Section of the catalog.**

- History (B.A.)

**The following minor(s) are offered by the department and their requirements are viewable in the Minor Requirements Section of the catalog.**

- History Minor

## Philosophy

Phone: 843.953.5687

**Todd Grantham, Chair**

### Faculty

Deborah Boyle, Todd Grantham, Ned Hettinger, Sheridan Hough, Larry Krasnoff, Glenn Lesses, Richard Nunan, Martin Perlmutter, *Professors*

Jennifer Baker, Christian Coseru, *Associate Professors*

Thomas Nadelhoffer, Jonathan Neufeld, *Assistant Professors*

### About the Department

The study of philosophy invites students to explore the most profound questions about human existence. As students develop their own answers to these perennial questions, they learn crucial skills that will help them in almost any career. In particular, philosophy students learn to write clearly, to assess arguments carefully, and to solve problems creatively. The major allows students to survey the full range of philosophical inquiry and provides excellent preparation for careers in business, public administration, medicine, and the law. A concentration in “Politics, Philosophy, and the Law” allows majors to focus on the interdisciplinary study of the law.

**The following major(s) are offered by the department and their requirements are viewable in the Major Requirements Section of the catalog.**

- Philosophy (B.A.)

**The following minor(s) are offered by the department and their requirements are viewable in the Minor Requirements Section of the catalog.**

- Philosophy Minor

## Political Science

Phone: 843.953.5724

**H. Gibbs Knotts, Chair**

### Faculty

JoAnn Ewalt, Arthur A. Felts, Lynne E. Ford, Philip H. Jos, H. Gibbs Knotts, Guoli Liu, Alexander M. Sanders, Jr., *Professors*

John C. Creed, Claire Curtis, Hollis France, Mark Long, Kendra Stewart, *Associate Professors*

LaTasha Chaffin, Chris Day, Helen Delfeld, Brian Fisher, Kevin Keenan, Matthew Nowlin, Jordan Ragusa, Annette Watson, Claire Wofford, *Assistant Professors*

Marguerite Archie-Hudson, Tom Chorlton, *Visiting Assistant Professors*

### About the Department

Political science majors are employed in a variety of occupations. Graduates are currently pursuing careers in law, policy studies, political advocacy and organizing state and local politics and administration, higher education, nonprofit management, community service, and business.

Political science courses are available in three areas of study:

1. American Politics and Process
2. Global Politics and Spaces
3. The Politics of Ideas

Additional courses that are not assigned to a particular area are categorized as electives.

**The following major(s) are offered by the department and their requirements are viewable in the Major Requirements Section of the catalog.**

- Political Science (B.A.)

**The following minor(s) are offered by the department and their requirements are viewable in the Minor Requirements Section of the catalog.**

- Political Science Minor
- Geography Minor



# Psychology

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Phone: 843.953.5590

**Gabrielle F. Principe, Chair**

## Faculty

James B. Hittner, Cynthia P. May, Kim O. May, Gabrielle F. Principe, Lisa Thomson Ross, Thomas P. Ross, Susan J. Simonian, Rhonda J. Swickert, *Professors*

Anthony J. Bishara, Adam H. Doughty, Chad M. Galuska, Mark W. Hurd, Garrett W. Milliken, Michael G. Ruscio, C. Vincent Spicer, Carol C. Toris, John J. Widholm, *Associate Professors*

Daniel Greenberg, Amy M. Kolak, Sarah Robertson, Jennifer C. Wilhelm, Jennifer Cole Wright, *Assistant Professors*

## About the Department

The Department of Psychology offers courses in both traditional and newly developed areas of psychological science. The department supports two degree programs: a Bachelor of Arts degree and a Bachelor of Science degree. Both degrees provide an excellent liberal arts and sciences education and offer a strong grounding in the major domain areas of psychology. However, the two degrees differ in their focus, so students should carefully note the requirements of each degree and decide which will best serve their academic and occupational goals. The Bachelor of Arts degree provides a broad undergraduate overview of the field of psychology. Students who are considering entering a career in human services or a psychology-related field where graduate training in psychology is not required (e.g., social work, education, business, or health-related occupations such as nursing or physical therapy) may consider the BA degree. The Bachelor of Science degree provides the same broad background in psychology, but also prepares students for advanced training in the field of psychology or a related scientific discipline. This degree provides a curriculum that emphasizes mathematical and methodological skills that psychologists utilize when studying human behavior, as well as the behavior of non-human animal species. The BS degree will be especially useful for those who plan to pursue advanced graduate-level study in psychology or a related natural science discipline such as neuroscience or medical research.

In addition to courses offered in the various domain areas of psychology, there are several opportunities for students to tailor their learning through individualized-learning experiences. For example, students who participate in our Internship Experience have the opportunity to apply psychological theories and principles that they have learned in the classroom to a real-world setting. Students in the internship program work in diverse settings such as an after-school program that fosters emotional and social development in children, research centers at the Medical University of South Carolina and an enrichment program at a senior center in Charleston. The Department of Psychology also offers a Teaching Mentorship Experience to foster foundational skills necessary for those pursuing training in educational settings. Teaching Mentorship and Internship experiences allow students to obtain exposure to working in human services and may increase their graduate training and/or employment

opportunities. In addition, the Department of Psychology offers three different courses that allow students to develop advanced research skills under the supervision of an academic mentor: Tutorial, Independent Study, and Bachelor's Essay. Students who participate in these courses often present their work at professional conferences, and in some cases, submit their manuscripts to scholarly journals for publication. These intensive research experiences are highly recommended for students working toward the Bachelors of Science degree.

*NOTE: Psychology majors and students considering one of the psychology degree programs should review the advising resources found on our advising website: [www.cofc.edu/~psycadvise/](http://www.cofc.edu/~psycadvise/).*

**The following major(s) are offered by the department and their requirements are viewable in the Major Requirements Section of the catalog.**

- Psychology (B.A.)
- Psychology (B.S.)

**The following minor(s) are offered by the department and their requirements are viewable in the Minor Requirements Section of the catalog.**

- Psychology Minor

# Public Health (B.A.)

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Phone: 843.953.5775

**Jenifer Kopfman, Director**

## Faculty

Public Health is an interdisciplinary program with faculty from many different departments, including Communication, Health, History, Psychology, Sociology, Political Science, Philosophy, Urban Studies, and more.

## About the Program

Public Health majors will examine health on local, national, and global levels as they learn to think critically about health issues in multiple contexts. This degree prepares students for a variety of jobs in the health sector or for advanced degrees in public health or other health-related fields. The Public Health BA program is recommended for students who are considering careers in areas such as health administration, health policy, or health communication. Those students wanting a stronger emphasis in science are encouraged to consider the Public Health BS program offered by the Department of Health and Human Performance.

**The following major(s) are offered by the program and their requirements are viewable in the Major Requirements Section of the catalog.**

- Public Health (B.A.)

## Religious Studies

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Phone: 843.953.0895

**Zeff Bjerken, Chair**

### Faculty

Margaret Cormack, Lee Irwin, June McDaniel, *Professors*

Zeff Bjerken, John Huddleston, Elijah Siegler, *Associate Professors*

Kathleen Hladky, *Assistant Professor*

Todd LeVasseur, *Visiting Assistant Professor*

Louise Doire, *Senior Instructor*

### About the Department

The academic study of religion at the College occupies an integral place in the liberal arts curriculum. The department's broad range of course offerings expose students to the global diversity of religious traditions, with the goal of instilling an appreciation for how religion shapes and is shaped by human cultures worldwide. The academic study of religion examines beliefs, behaviors, and institutions from outside the framework of any particular worldview or belief system, and as such does not seek to promote any specific religion. Religions are taught from a comparative, cross-cultural, and interdisciplinary perspective, drawing on a variety of methods from history, literary studies, philosophy, and the social sciences.

**The following major(s) are offered by the department and their requirements are viewable in the Major Requirements Section of the catalog.**

- Religious Studies (B.A.)

**The following minor(s) are offered by the department and their requirements are viewable in the Minor Requirements Section of the catalog.**

- Religious Studies Minor

## Sociology

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Phone: 843.953.5738

**Heath C. Hoffmann, Chair**

### Faculty

Tracy Burkett, William Danaher, George E. Dickinson, Idee Winfield, *Professors*

Deborah Auriffeille, Von Bakanic, Heath C. Hoffmann, Ernest G. Rigney, Michael Stern, *Associate Professors*

Ann Stein, Brenda Sanders, *Senior Instructors*

Christine A. Hope, *Emeritus*

### About the Department

Sociology is the scientific study of human social behavior. It focuses on the factors that organize and structure social activities, as well as those that disorganize and threaten to dissolve them. As a social science, sociology applies objective and systematic methods of investigation to the discovery and identification of regularities in social life and to the

understanding of the processes by which they are established and changed.

**The following major(s) are offered by the department and their requirements are viewable in the Major Requirements Section of the catalog.**

- Sociology (B.S.)

**The following minor(s) are offered by the department and their requirements are viewable in the Minor Requirements Section of the catalog.**

- Sociology Minor

## Urban Studies

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Phone: 843.953.5679

**Kevin Keenan, Director**

### Faculty

Faculty for the Urban Studies major come from various departments in the School of Humanities and Social Sciences, School of Business, and School of the Arts.

### About the Program

The Urban Studies Program is a multidisciplinary major designed to provide students with the academic foundation necessary to understand and be sensitive to the problems and potential of the city and its environment. Students become acquainted with approaches to the study of urbanization through courses offered by several departments including, but not limited to, accounting, architecture, economics, philosophy, political science, psychology, historic preservation and community planning, history, management, and sociology. A background in urban studies provides excellent preparation for a variety of careers as planners, program directors, administrators, and researchers in local, state and federal government and also in nonprofit and private organizations.

**The following major(s) are offered by the program and their requirements are viewable in the Major Requirements Section of the catalog.**

- Urban Studies (B.A.)

## Women's and Gender Studies

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Phone: 843.953.2280

**Alison Piepmeier, Director**

### About the Program

Women's and Gender Studies is an interdisciplinary major in which students explore gender identities, relations, practices, theories and institutions. Courses examine gender roles and relations, women's cultural contributions, the social, historical, political, and economic status of women, the intersection of race, class, and gender issues, and theoretical concerns about the relation of gender to knowledge. Women's

and Gender Studies courses are offered in every school on campus. Many may be used to satisfy the College's general education requirements in the social sciences and the humanities.

**The following major(s) are offered by the program and their requirements are viewable in the Major Requirements Section of the catalog.**

- Women's and Gender Studies (B.A.)

**The following minor(s) are offered by the program and their requirements are viewable in the Minor Requirements Section of the catalog.**

- Women's and Gender Studies Minor

# School of Languages, Cultures, and World Affairs

Phone: 843.953.5770

**David Cohen, Dean**

**Shawn Morrison, Associate Dean**

Students who graduate with majors or minors from the School will have had direct experience with diverse societies, regions, and cultures. They will be able to communicate competently and confidently in at least one foreign language, be knowledgeable about world affairs and have holistic understanding of one or several cultures. At the College of Charleston, competence in a foreign language is considered fundamental to a liberal arts education and a means to attaining the global perspective required of 21st-century graduates. The language program at the College is one of the most comprehensive in the southeastern U.S., with in-depth majors in classical and modern languages, overseas study programs, specialized programs for future language professionals, and offerings in several less commonly taught languages. Depending on their level of ability in a foreign language upon admittance to the College, students may be required to take as many as four semesters of language study. In addition, the School's interdisciplinary programs include a broad range of international, cultural and area studies majors and minors.

## Mission Statement

The School of Languages, Cultures, and World Affairs prepares students to become knowledgeable, engaged citizens in an increasingly interconnected global society. The mission of the school requires students to critically examine themselves and their place in the world.

## Literature in Translation:

The College offers courses which, in English translation, provide access to the literature of other languages. They can be applied to the general education requirement in humanities, but not in foreign language. Typically, several such courses are scheduled each semester, covering significant authors and literary works from Western Europe, Russia, China, Japan, Latin America and the Arabic world. They are listed in this catalog under the original languages in which the works were written. Consult the Schedule of Courses under each language for courses offered in any given semester. Types of literature in translation courses include the following:

### Literature in Translation: Gallery of World Literatures

Study of selected works from a number of literatures that offer different perspectives on the world and humankind.

### Literature in Translation: A Foreign Literature

Study of selected works, representing major literary periods and genres, which illuminate another language and culture or era of a shared human condition (e.g. LTFR 250 Francophone Literature in Translation).

### Literature in Translation: A Foreign Author

Study of selected works by an author whose influence is felt in the world at large (e.g. LTRS 350 Dostoyevsky).

### Literature in Translation: Comparative Literature

A study of selected works by major authors representing different cultures with emphasis on common themes as viewed from the perspectives of these writers.

## Teacher Education Program:

After declaration of a major in Classics, French, German, or Spanish, students interested in teacher certification in foreign language must meet with the director of certification and clinical practice, School of Education, Health, and Human Performance, 843.953.5613. Students should apply for acceptance into this program no later than the second semester of their sophomore year.

Candidates in all languages must meet with Dr. Shawn Morrison, 404 J.C. Long Building, morrisonsh@cofc.edu, for additional information as soon as possible. Requirements include admission to and successful completion of the approved Teacher Education Program, passing score on PRAXIS II World Language Content Exam, passing score on the Praxis II Principles of Learning and Teaching exam, and, for majors in French, German, and Spanish, passing an oral proficiency interview with a rating of "Advanced Low."

## Degrees Offered

### Bachelor of Arts:

- Archaeology
- Classics
- French and Francophone Studies
- German
- International Studies
- Jewish Studies
- Latin American and Caribbean Studies
- Spanish

### Minors:

- Classics
- French and Francophone Studies
- German
- Greek
- Italian
- Latin
- Spanish

### Interdisciplinary Minors:

- African American Studies
- African Studies

Archaeology  
 Asian Studies  
 British Studies  
 Business Language in French  
 Business Language in Spanish  
 Comparative Literature  
 European Studies  
 French Studies  
 German Studies  
 International Studies  
 Italian Studies  
 Japanese Studies  
 Jewish Studies  
 Latin American and Caribbean Studies  
 Linguistics  
 Russian Studies

### Teacher Education Programs:

Classics (Latin)  
 French  
 German  
 Spanish

### Languages Offered:

Arabic  
 Chinese  
 French  
 German  
 Greek  
 Hebrew  
 Hindi  
 Italian  
 Japanese  
 Latin  
 Portuguese  
 Russian  
 Spanish

### List of Departments and Programs:

African American Studies  
 African Studies  
 Archaeology  
 Asian Studies  
 British Studies  
 Classics  
 Comparative Literature  
 European Studies  
 French, Francophone and Italian Studies  
 French Studies  
 German and Slavic Studies  
 German Studies  
 Hispanic Studies

International Studies  
 Japanese Studies  
 Jewish Studies  
 Language and International Business  
 Latin American and Caribbean Studies  
 Linguistics  
 Russian Studies

## Archaeology

Phone: 843.953.5485

**James Newhard, Director**

### Faculty

Faculty for the Archaeology major come from various departments in the School of the Arts, the School of Humanities and Social Sciences, the School of Languages, Cultures, and World Affairs, and the School of Science and Mathematics

### About the Program

The major in Archaeology is interdisciplinary, involving faculty from ten departments within four different schools at the College. Archaeology is a "cognate major" (not a stand-alone major), and must be combined with a major in Anthropology, Art History, Biology, Chemistry, Classics, Geology, Historic Preservation, or History. As a cognate major, this major allows many courses to be counted in both the traditional stand-alone major and the Archaeology major. The Archaeology major trains students in the background literature, conservation philosophy, preservation legislation, modern field methods, and increasingly sophisticated analytical laboratory methods required in archaeology today. Successful completion of the Archaeology major will

1. enhance students' understanding of the long trajectory of humanity's presence on this planet,
2. train students for careers in: museums; artifact curation and restoration facilities; historic sites; local, state, and federal government; engineering, environmental, and cultural resource management firms; historical societies; historic preservation; and private foundations, and
3. prepare students to be successful in archaeologically related graduate programs.

**The following major(s) are offered by the program and their requirements are viewable in the Major Requirements Section of the catalog.**

- Archaeology (B.A.)

**The following minor(s) are offered by the program and their requirements are viewable in the Minor Requirements Section of the catalog.**

- Archaeology Minor

# Classics

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Phone: 843.953.5714

**Timothy Johnson, Chair**

## Faculty

Timothy Johnson, Darryl Phillips, *Professors*

James M.L. Newhard, Noelle K. Zeiner-Carmichael, *Associate Professors*

Andrew Alwine, Kristen M. Gentile, *Assistant Professors*

## About the Department

The study of classical languages and literatures provides a necessary basis for understanding the cultural origins of the Western tradition. A knowledge of the classics prepares the student to pursue humanistic studies in all areas of the standard college curriculum.

**The following major(s) are offered by the department and their requirements are viewable in the Major Requirements Section of the catalog.**

- Classics (A.B.)
- Classics (B.A.)
- Classics Education Major for Teacher Certification (B.A.)

**The following minor(s) are offered by the department and their requirements are viewable in the Minor Requirements Section of the catalog.**

- Classics Minor
- Greek Minor
- Latin Minor

# French, Francophone and Italian Studies

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Phone: 843.953.8063

**Robyn Holman, Chair**

## Faculty

Abdellatif Attafi, Massimo Maggiari, Norbert Sclipa, Godwin O. Uwah, *Professors*

Giovanna De Luca, Robyn Holman, Shawn Morrison, Lisa Signori, *Associate Professors*

Anna K. Ballinger, *Assistant Professor*

Martine Hiers, *Senior Instructor*

Brigitte Codron, *Visiting Instructor*

## About the Department

As the second-most frequently taught foreign language in the world after English, French is clearly a global language. French cultural, economic, and diplomatic influence is felt not only in the United States, where over 1.9 million speak the language at home, but in many parts of the world. French is the foreign language spoken by our largest trading partner (Canada), and is also the language of more than 300 million

native and secondary speakers in 44 Francophone countries, and the only language other than English spoken in five continents. The study of the French language, literature, culture and history is an essential element in the understanding of the meaning of Western civilization, and the appreciation of the Francophone world and heritage.

Italy is the country that gave the world Dante and Michelangelo, Machiavelli and Puccini, Fellini and Sofia Loren, Prada and Ferrari. Like French, not only is knowledge of this realm essential for developing a comprehensive understanding of Western cultural evolution, it's also an important grounding for careers in design, politics, entertainment, religion and international business, as well as a broad range of academic pursuits.

**The following major(s) are offered by the department and their requirements are viewable in the Major Requirements Section of the catalog.**

- French and Francophone Studies (B.A.)
- French Education Major for Teacher Certification (B.A.)

**The following minor(s) are offered by the department and their requirements are viewable in the Minor Requirements Section of the catalog.**

- Business Language Minor in French
- French and Francophone Studies Minor
- French Studies Minor
- Italian Minor
- Italian Studies Minor

# German and Slavic Studies

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Phone: 843.953.1999

**Mark Del Mastro, Interim Chair**

## German Studies Faculty

Tom Baginski, *Professor*

Morgan Koerner, Nancy Nenno, *Associate Professors*

Stephen Della Lana, *Senior Instructor*

## Slavic Studies Faculty

Raisa Gomer, *Senior Instructor*

## About the Department

The Department of German and Slavic Studies was established in 2006 and provides students with opportunities to study the language, literature, cinema and culture of German-speaking Europe and Russian in Eurasia.

America has many long-established social and cultural ties with the nations of the German-speaking world: Austria, Germany, and Switzerland. Today, a knowledge of German has become important for anyone engaged in international commerce, research and technology. The Department offers a Major in German, a Minor in German, and a Minor in German Studies.

The Russian Studies program is a multidisciplinary course of study, which combines the Russian language with courses related to Russian civilization, culture, history, politics and economics. A major goal is to provide an understanding of the relationship between the United States and Russia in the aftermath of the Cold War.

**The following major(s) are offered by the department and their requirements are viewable in the Major Requirements Section of the catalog.**

- German (B.A.)
- German Education Major for Teacher Certification (B.A.)

**The following minor(s) are offered by the department and their requirements are viewable in the Minor Requirements Section of the catalog.**

- German Minor
- German Studies Minor
- Russian Studies Minor

## Hispanic Studies

Phone: 843.953.7619

**Mark P. Del Mastro, Chair**

### Faculty

Mark P. Del Mastro, Elizabeth Martínez-Gibson, Sarah Owens, Andrew Sobiesuo, Joseph Weyers, *Professors*

Nadia Avendaño, Raúl Carrillo-Arciniega, María Colomina-Garrigós, Herbert Espinoza, Benjamin Fraser, Michael Gómez, Luis Linares-Ocanto, Luci Moreira, Silvia Rodríguez-Sabater, Félix Vásquez, *Associate Professors*

Hilary Barnes, Emily Beck, Robert Cameron, Susan Divine, Carmen Grace, *Assistant Professors*

Carl Wise, *Visiting Assistant Professor*

Karen Berg, Claudia Moran, Marianne J. Verlinden, *Senior Instructors*

Daniel Delgado, Devon Hanahan, *Instructors*

### About the Department

Hispanic culture is an integral part of the United States, the 2<sup>nd</sup> most populated country of Hispanics. Spanish is the principal language of 21 countries and the third most spoken language in the world. The department offers Portuguese, the seventh most spoken language in the world, and used in eight countries on four continents. Knowledge of Portuguese, Spanish and their respective cultures prepares students to function effectively in the global community.

**The following major(s) are offered by the department and their requirements are viewable in the Major Requirements Section of the catalog.**

- Spanish (B.A.)
- Spanish Education Major for Teacher Certification (B.A.)

**The following minor(s) are offered by the department and their requirements are viewable in the Minor Requirements Section of the catalog.**

- Spanish Minor
- Business Language Minor in Spanish

## International Studies

Phone: 843.953.4884

**Douglas Friedman, Director**

### Faculty

Douglas Friedman, *Associate Professor*

Kathleen Foody, Beatriz Maldonado, Malte Pehl, Lisa Samuel, *Assistant Professors*

Jeanette Jouili, *Visiting Assistant Professor*

### About the Program

The International Studies (INTL) major is both an interdisciplinary and multidisciplinary program. The major recognizes that a comprehensive focus on international issues, foreign cultures, and societies is beyond the ability of any one discipline to provide. The IS major draws from multiple disciplines to give students a multidimensional perspective to global development and issues. It emphasizes knowledge of regions across disciplines and time, providing students with the skills needed to become global citizens.

International Studies majors may choose concentrations in Africa, Asia, Europe, Latin America and the Caribbean or International Comparative Literature. Additional requirements include the equivalent of three years foreign language study and a study/internship abroad experience.

**The following major(s) are offered by the program and their requirements are viewable in the Major Requirements Section of the catalog.**

- International Studies (B.A.)

**The following minor(s) are offered by the program and their requirements are viewable in the Minor Requirements Section of the catalog.**

- International Studies Minor

## Jewish Studies

Phone: 843.953.5682

**Martin Perlmutter, Director**

**Larry Krasnoff, Associate Director**

### Faculty

Martin Perlmutter, *Professor*

Joshua Shanes, *Associate Professor*

Adam Mendelsohn, Oren Segal, *Assistant Professors*

David Slucki, *Visiting Assistant Professor*

Theodore Rosengarten, *Zucker/Goldberg Chair in Holocaust Studies*

### About the Program

The goal of the Yaschik/Arnold Jewish Studies Program Jewish Studies major is to enable students to understand the diversity and complexity of the Jewish experience. Students will acquire a sophisticated understanding of the historical, religious, philosophical, literary, sociological, and linguistic components that constitute the Jewish experience, as well as an armory of interpretative and analytical skills that can be applied within and across a broad range of disciplines. The program includes the Zucker/Goldberg Center for Holocaust Studies, and each year hosts a distinguished faculty member to occupy the Arnold Visiting Chair. The Sylvia Vlosky Yaschik Jewish Studies Center is home to a small Judaica library, faculty offices, lounges and meeting facilities that foster academic, cultural and social aspects of Jewish Studies and Jewish student life. The College's Addlestone library houses the Jewish Heritage Collection, world-class archives on southern Jewish history and culture that offers research resources of exceptional depth to students and scholars.

**The following major(s) are offered by the program and their requirements are viewable in the Major Requirements Section of the catalog.**

- Jewish Studies (B.A.)

**The following minor(s) are offered by the program and their requirements are viewable in the Minor Requirements Section of the catalog.**

- Jewish Studies Minor

## Latin American and Caribbean Studies

Phone: 843.953.4884

**Douglas Friedman, Director**

### About the Program

The major in Latin American and Caribbean Studies fosters intellectual discussion, learning, and research on Latin America and the Caribbean for students seeking an interdisciplinary perspective of the region. There are four main goals:

1. To develop basic knowledge and comprehension of key themes in Latin American and Caribbean history, cultures, literature, art and contemporary social, economic, and political issues;
2. To develop 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;
3. To develop proficiency in Spanish, Portuguese, and/or French as part of their program of study;
4. To develop an intimate knowledge of the region and cultural empathy through study or internship abroad.

**The following major(s) are offered by the program and their requirements are viewable in the Major Requirements Section of the catalog.**

- Latin American and Caribbean Studies (B.A.)

**The following minor(s) are offered by the program and their requirements are viewable in the Minor Requirements Section of the catalog.**

- Latin American and Caribbean Studies Minor



# School of Sciences and Mathematics

Phone: 843.953.5991

**Michael J. Auerbach, Dean**

**James P. Deavor, Associate Dean**

The role of the School of Sciences and Mathematics is two-fold: to provide the study of the natural world for a liberal arts education to all students in the College and to equip majors in the sciences and mathematics to enter careers, graduate schools, or professional schools. Students are afforded opportunities for significant involvement in learning in the classroom as well as individual attention by faculty in research in their academic areas. Students in all disciplines learn not only the facts, methods and boundaries of mathematics and science, but learn to question and to think analytically.

Students are encouraged to take advantage of opportunities for research and independent study with faculty to develop creativity and an understanding of scientific inquiry. Activities that offer close interactions with faculty increase student satisfaction with their college experience. Students considering a career in science should take mathematics and at least one science course during their first semester.

## Mission Statement

Our mission is to integrate discovery, innovation, and education in order to serve our students, our state and our nation.

## Vision

Our vision is to be a community of scholar-teachers committed to creating an environment of distinctiveness and excellence that supports and nurtures students as scholars and encourages learning through inquiry, all within the framework of a broad liberal arts and sciences education.

## Degrees Offered

### Bachelor of Science:

- Astrophysics
- Biochemistry
- Biology
  - Molecular Biology concentration
- Chemistry
- Computer Information Systems
- Computer Science
- Data Science
- Geology
- Marine Biology
- Mathematics
  - Actuarial studies math option
  - Applied math option
  - Pure math option
  - Statistics option
- Physics
  - Computational Neuroscience Concentration in Physics

- Energy Production Concentration in Physics

- Meteorology Concentration in Physics

### Bachelor of Arts:

- Astronomy
- Biology
- Chemistry
- Computer Science
- Computing in the Arts
- Geology
- Mathematics
- Physics
  - Computational Neuroscience Concentration in Physics
  - Energy Production Concentration in Physics
  - Meteorology Concentration in Physics

### Minors:

- Astronomy
- Biology
- Biomedical Physics
- Chemistry
- Computational Thinking
- Computer Information Systems
- Computer Science
- Geology
- Mathematics
- Meteorology
- Physics

### Interdisciplinary Major:

- Data Science

### Interdisciplinary Minors:

- Data Science
- Environmental Studies
- Neuroscience
- Pre-Actuarial Studies

### Teacher Education Programs:

- Biology
- Chemistry (B.A.)
- Mathematics (B.S.)
- Physics (B.A.)

# Biology

Phone: 843.953.5504

**Jaap Hillenius, Chair**

## Faculty

Louis E. Burnett, Isaure DeBuron, Giacomo DiTullio, Phillip Dustan, Antony Harold, Jaap Hillenius, Gavin Naylor, David Owens, Craig Plante, Brian Scholtens, Agnes Southgate, Allan Strand, *Professors*

Robert T. Dillon, Melissa Hughes, Christopher Korey, Mark Lazzaro, Elizabeth Meyer-Bernstein, Courtney Murren, Robert Podolsky, Seth Pritchard, Matthew Rutter, Gorka Sancho, Erik Sotka, Reid Wiseman, Ana Zimmerman, *Associate Professors*  
Christine Byrum, Andrew Clark, Eric McElroy, Renaud Geslain, Susan Morrison, Andrew M. Shedlock, Jeffrey Triplehorn, Jason Vance, Allison Welch, *Assistant Professors*

Deborah Bidwell, Jean Everett, John Peters, *Senior Instructors*

## About the Department

Biology is of fundamental importance in a liberal arts education, since by its very nature it provides students with a keener insight into and a deeper appreciation of the many facets of living systems. For the non-major, biology often serves as the only introduction to science and methods employed in scientific endeavors. For both non-majors and majors alike, a study of biology may provide life-long vocational interests. Those who major in biology are provided with a substantial background in all aspects of living organisms.

A biology degree is not only valuable for advanced studies, but also provides a background for the pursuit of a variety of careers in teaching, marine biology, medical and biological research, allied health services, forestry, wildlife biology, horticulture, pollution control, museum work, environmental studies and land-use planning.

The Department of Biology has extensive facilities in the Hollings Science Center and at the Grice Marine Laboratory (GML) at Ft. Johnson. Undergraduate courses are given in both locations.

Students who are considering majoring in biology should visit the Department of Biology early in their college careers to consult with advisors and to obtain information necessary to plan their programs of studies.

**The following major(s) are offered by the department and their requirements are viewable in the Major Requirements Section of the catalog.**

- Biology (B.A.)
- Biology (B.S.)
- Biology Major Teaching Option (B.S.)
- Biology Major with Concentration in Molecular Biology (B.S.)
- Marine Biology (B.S.)

**The following minor(s) are offered by the department and their requirements are viewable in the Minor Requirements Section of the catalog.**

- Biology Minor

# Chemistry and Biochemistry

Phone: 843.953.5587

**Pamela Riggs-Gelasco, Chair**

## Faculty

James P. Deavor, Marion T. Doig, Frederick J. Heldrich, Frank Kinard, Kristin D. Krantzman, Pamela Riggs-Gelasco, *Professors*

Jason S. Overby, Justin Wyatt, *Associate Professors*

David Boucher, Wendy Cory, Marcello Forconi, Jennifer Fox, Richard Lavrich, Brooke Van Horn, *Assistant Professors*

Amy Ledbetter Rogers, *Senior Instructor*

Neal Tonks, *Instructor*

## About the Department

Chemistry is often referred to as the "central science." It is important to anyone seeking a career in the sciences. It is also a wonderful component in a liberal arts education.

Many chemistry majors elect to continue their education by attending graduate or professional schools. For these students, as well as those wishing to directly enter the chemical industry, the bachelor of science degree is highly recommended. For students planning to attend medical, dental, veterinary or pharmacy schools, the bachelor of science degree is recommended; but these students may find that the bachelor of arts program allows more flexibility. Students pursuing a minor in secondary education usually opt for the bachelor of arts program.

The biochemistry degree program provides a firm foundation for further graduate study in biochemistry, chemistry, pharmacology, toxicology, and other biochemistry-based life sciences, as well as providing a rigorous course of study for students who pursue professional careers in medicine, dentistry, and pharmacy. In addition, students who elect not to continue their education would find themselves well prepared for technical positions in the biotechnology industry as well as the more traditional chemical, pharmaceutical, health-care, forensic and environmental fields.

*NOTES:*

1. All junior and senior chemistry majors are strongly encouraged to attend the scheduled departmental seminars.
2. Students who have taken PHYS 101–102 Introductory Physics before declaring a chemistry or biochemistry major may satisfy this requirement by taking additional related courses. Please see the department chair for the list of courses.
3. MATH 221 Calculus III is also strongly recommended.
4. CHEM 481/482 Introductory Research is also recommended.

The following major(s) are offered by the department and their requirements are viewable in the Major Requirements Section of the catalog.

- Chemistry (B.A.)
- Chemistry (B.S.)
- Biochemistry (B.S.)

The following minor(s) are offered by the department and their requirements are viewable in the Minor Requirements Section of the catalog.

- Chemistry Minor

## Computer Science

Phone: 843.953.6905

**Christopher W. Starr, Chair**

### Faculty

Bill Manaris, Renée McCauley, George J. Pothering, *Professors*  
 Anthony P. Leclerc, Christopher W. Starr, *Associate Professors*  
 Paul Anderson, William H. Bares, Jim Bowring, *Assistant Professors*  
 Christine L. Moore, Roxann H. Stalvey, *Senior Instructors*  
 Aspen Olmsted, *Instructor*

### About the Department

Computer science is more than writing code and building apps. It is the blending of computational principles and human creativity with the application of computing technologies. Since its inception, computer science has revolutionized the way we compute, communicate, find information, and conduct business. Problem solving and logical reasoning are at the core of computer science, making it one of the most applicable areas of study.

The demand for graduates well-versed in computing is expected to grow as society becomes more technologically advanced. Increasingly, computer science graduates are able to use the skills they've learned to pursue careers in various disciplines such as medicine, social sciences, humanities, law, education, and physical and life sciences.

In the computer science department, you will be challenged and supported by excellent faculty who are focused on preparing you for a successful future. We pride ourselves on our small class sizes, individual attention, and our focus on undergraduate education. Interdisciplinary connections and applications are emphasized in our computer science programs keeping with the liberal arts tradition at the College of Charleston. At the same time, we provide a sound foundation for those students who major in computer science and opt to either work in industry or pursue advanced degrees.

The **bachelor of science in computer science** is designed to prepare students for graduate study in computer science and for professional careers in industry, organizations, and governments that rely on software or develop software for profit.

*NOTE: The bachelor of science in computer science program is accredited by the Computing Accreditation Commission of ABET.*

The **bachelor of science in computer information systems** is designed to prepare students for computing positions in business and industry from the IT shop to the boardroom while keeping open the option for continuing study in graduate school.

The **bachelor of arts in computer science** is designed to provide students with solid foundations in the fundamental areas of computer science, but permits a greater variety of elective courses to be taken outside of the discipline than do the other BS programs.

The **bachelor of arts in computing in the arts (CITA)** is designed to offer students an interdisciplinary experience in computer science and the arts, with concentrations in music, theatre, and visual arts. CITA combines creativity, problem solving, and computational thinking to prepare students for graduate school or for careers in the information and arts industries and in all organizations that need creative software developers to break free of silo-based problem solving."

There are three minor programs in computer science, one intended primarily for business majors and two for all other majors.

The following major(s) are offered by the department and their requirements are viewable in the Major Requirements Section of the catalog.

- Computer Science (B.A.)
- Computer Science (B.S.)
- Computer Information Systems (B.S.)
- Computing in the Arts (B.A.)

The following minor(s) are offered by the department and their requirements are viewable in the Minor Requirements Section of the catalog.

- Computational Thinking Minor
- Computer Science Minor
- Computer Information Systems Minor

## Data Science

Phone: 843.953.6905

**Paul Anderson, Director**

### About the Interdisciplinary Program

Data Science addresses data mining, predictive analytics and machine learning in big data. This data science program is a mathematically and computationally rigorous, interdisciplinary program, enabling the discovery of patterns in large sets of data sets and data streams. The Data Science program combines statistics, mathematics, computational thinking, programming, learning theory, logic, information theory, complexity, and artificial intelligence. In addition, students choose a cognate discipline and associated courses, culminating in a Data Science project directed by a faculty member from their chosen cognate.

The purpose of the Data Science program is to provide students with the theoretical foundations and practical analytic

experiences needed to understand and utilize methods for knowledge discovery in data sets and data streams. Integration and practice with informatics tools is accomplished within a cognate discipline.

Today's demand for expertise in data mining, predictive analytic and machine learning far exceeds the current supply. Data Science graduates are highly employable in business, industry, and in professional fields such as medicine (e.g., health informatics) and law (e.g., computational forensics), and government (e.g., national security and cyber-warfare). Graduates wishing to pursue higher degrees in machine learning, or more domain specific fields like bioinformatics, are well prepared for graduate study by completing the Data Science program.

**The following major(s) are offered by the program and their requirements are viewable in the Major Requirements Section of the catalog.**

- Data Science (B.S.)

**The following minor(s) are offered by the program and their requirements are viewable in the Minor Requirements Section of the catalog.**

- Data Science Minor

## Geology and Environmental Geosciences

Phone: 843.953.5589

**Mitchell W. Colgan, Chair**

### Faculty

James L. Carew, Robert L. Nusbaum, *Professors*  
 Erin K. Beutel, Timothy J. Callahan, Mitchell W. Colgan,  
 Steven C. Jaumè, Norman S. Levine, Cassandra J. Runyon,  
 Leslie R. Sautter, Vijay M. Vulava, *Associate Professors*  
 Adem Khalid Ali, Barbara Beckingham, John Chadwick, Scott  
 Harris, *Assistant Professors*  
 Elizabeth F.K. Rhodes, *Senior Instructor*

### About the Department

Geology is the science of the Earth – including its structure, dynamics, and history at many scales of inquiry. Geoscientists provide a unique perspective on using science and mathematics to solve common problems affecting society locally, regionally, and on a global scale. Because of the relatively low faculty to student ratio, students have the opportunity to actively participate in faculty guided geoscience research.

The Department of Geology and Environmental Geosciences offers a major, a minor, and a broad array of topical and interdisciplinary elective courses in the geosciences. Students who complete a bachelor of science or bachelor of arts degree with a major in geology may tailor a program of study to better prepare themselves for a wide variety of career opportunities in:

1. Advanced graduate study – Our students have received graduate fellowships from universities throughout the U.S.
2. Industry and government using geospatial technologies
3. Environmental consulting firms and state or federal environmental regulatory agencies and hazard mitigation
4. Interdisciplinary careers such as oceanography, national intelligence, and resource management

**The following major(s) are offered by the department and their requirements are viewable in the Major Requirements Section of the catalog.**

- Geology (B.A.)
- Geology (B.S.)

**The following minor(s) are offered by the department and their requirements are viewable in the Minor Requirements Section of the catalog.**

- Geology Minor

## Mathematics

Phone: 843.953.5730

**Robert J. Mignone, Chair**

### Faculty

Annalisa Calini, James Carter, Ben Cox, Gary Harrison, Thomas Ivey, Renling Jin, Katherine Johnston-Thom, Martin Jones, Alex Kasman, Robert Mignone, Dinesh Sarvate, Sandra Shields, Paul Young, *Professors*  
 Elizabeth Jurisich, Thomas Kunkle, Stéphane Lafortune, Amy Langville, Brenton LeMesurier, Jiexiang Li, Garrett Mitchener, Oleg Smirnov, A. Vartanian, *Associate Professors*  
 Iana Anguelova, Hope Florence, Jason Howell, Bo Kai, Jin-Hong Park, Andrew Przeworski, *Assistant Professors*  
 Sofia Agrest, Rohn England, Deborah Jeter, James Young, *Senior Instructors*

### About the Department

Mathematics is one of the oldest academic disciplines, valued for its intrinsic beauty, as training in logical and analytical reasoning, and for its widespread applications throughout other disciplines. As our society adopts more technology and collects more data, training in mathematics becomes ever more valuable.

At the bachelor's level, the Department of Mathematics offers two majors, two minors, and a number of service courses for various disciplines. Students who complete a bachelor of science or of arts in mathematics have a number of career options.

1. They may pursue an advanced degree in mathematics or a closely related area such as statistics, computer science, biometry, information science, or operations research.
2. Students who combine mathematics with another discipline that uses mathematics can enhance their pursuit of graduate studies in either discipline. These areas

include biology, chemistry, economics, medicine, physics, and even such areas as sociology, political science, and psychology.

3. Mathematics majors may teach at the secondary level.
4. Mathematics majors may work in business, industry, or government, and other areas. Often the analytical reasoning developed by a mathematics major is more important to these companies than any specific mathematical technique.
5. Many mathematics majors work in the computer industry, in such areas as systems analysis, programming, design of algorithms, or computer graphics. The computer industry is one of the largest employers of mathematicians.
6. Many mathematics majors work as actuaries in the insurance industry, applying mathematics and statistics to risk assessment and financial analysis.

To meet the varying needs of mathematics majors with different career goals, the Department of Mathematics offers five tracks leading to the bachelor of science degree.

Students interested in the mathematics major are not required to select a track immediately. Instead, they may focus on the first four core courses. Typically, a mathematics major should complete these core courses by the end of the sophomore year. Entering majors should enroll in one of these courses or MATH 111, the prerequisite for MATH 120.

The calculation of the GPA in the major will be based only on those mathematics courses that are acceptable for credit toward the major.

**The following major(s) are offered by the department and their requirements are viewable in the Major Requirements Section of the catalog.**

- Mathematics (B.A.)
- Mathematics (B.S.)

**The following minor(s) are offered by the department and their requirements are viewable in the Minor Requirements Section of the catalog.**

- Mathematics Minor
- Pre-Actuarial Studies Minor

## Combined five year BS/MS degree in Mathematics

Mathematics majors can earn graduate credit during their senior year and earn a Master degree in mathematics within one calendar year (and in some cases within two academic semesters) after receiving their BS. The combined degree is designed to integrate undergraduate and graduate-level research and to give the selected students an outstanding preparation for entering a PhD program in mathematics or related fields.

Applications for admission to the program should be made by the beginning of the third (junior) year of study. Interested students should contact the mathematics department and an academic advisor will help them devise a study plan. Students in the combined BS/MS should complete all the undergraduate

requirements by the end of the fourth year, including 3 credits of senior thesis in a pure or applied mathematics, or statistics topics. Additional information is available in the math department, and at the departmental website.

## Physics and Astronomy

Phone: 843.953.5593

**Narayanan Kuthirummal, Chair**

### Faculty

Jon Hakkila, Linda R. Jones, James E. Neff, Laura R. Penny  
*Professors*

P. Chris Fragile, Narayanan Kuthirummal, B. Lee Lindner, Ana Oprisan, Sorinel Oprisan, Alem Teklu  
*Associate Professors*

Joseph Carson, George Chartas, Michael Larsen, Gabriel Williams,  
*Assistant Professors*

Terry Richardson, Jeffrey L. Wragg,  
*Senior Instructors*

Gardner Marshall,  
*Instructor*

### About the Department

Physics is the present-day equivalent of what used to be called natural philosophy, from which most of modern science arose. It investigates the properties, changes, and interactions of matter and energy. The study of physics does not involve following a recipe; rather, it entails developing an attitude or way of looking at phenomena and asking questions. Physicists seek to understand how the physical universe works, no matter what the scale of observation – from quarks to quasars, from the time it takes a proton to spin around to the age of the cosmos. Awareness of the beauty, harmony, and interplay of the laws of physics greatly enhances our view and appreciation of our environment. Astronomy and astrophysics are physics disciplines that seek to understand the natural world beyond the Earth's boundaries.

The four degree programs offered by the Department of Physics and Astronomy enable a student to prepare for a career in physics or astronomy or for a career in related fields such as engineering, biophysics, agriculture, medicine, law, geophysics, meteorology, and business.

*NOTE: A student cannot receive both the BS in Astrophysics (ASTP) and the BA in Astronomy (ASTR). Please see the Second Bachelor's Degree section and the Major Requirements section for additional information.*

**The following major(s) are offered by the department and their requirements are viewable in the Major Requirements Section of the catalog.**

- Astronomy (B.A.)
- Astrophysics (B.S.)
- Physics (B.A.)
- Physics (B.S.)

**The following minor(s) are offered by the department and their requirements are viewable in the Minor Requirements Section of the catalog.**

- Astronomy Minor

- Biomedical Physics Minor
- Meteorology Minor
- Physics Minor

## School of Sciences and Mathematics Special Programs

### School of Sciences and Mathematics Non-Degree Programs

In addition to degree programs, the School of Sciences and Mathematics houses in its various departments several special programs listed below, as well as a joint program with the Medical University of South Carolina in mathematics and biometry. The school houses a laboratory that offers training in Geographic Information Systems (GIS).

### Pre-Allied Health Programs

The College of Charleston provides pre-professional program education that prepares a student to enter a wide variety of allied health education programs. This includes, but is not limited to: physician assistant, physical therapy, occupational therapy, speech therapy, perfusion, health administration, and the medical laboratory science of cytotechnology. After completing their prerequisites, students must apply to the allied health program of their choice at an institution where it is offered. Admission to such programs requires application and successful competition for admission. Interested students should contact the director of Pre-Professional Health Advising for additional information.

### Pre-Professional Nursing Curriculum

The College of Charleston does not grant nursing degrees, but offers courses that prepare students for entry into colleges of nursing. Students planning to pursue a degree in nursing should contact each program of interest for a list of specific prerequisites. Typically, a pre-nursing student at the College of Charleston should expect to take the following courses, as well as additional courses specified by the nursing programs and/or by their major:

ENGL 101 and 102	6 credit hours
CHEM 101/101L and 102/102L or 111/111L and 112/112L	8 credit hours
BIOL 111/111L and 112/112L	8 credit hours
BIOL 211	3 credit hours
BIOL 305	3 credit hours
PSYC 103	3 credit hours

PSYC 224	3 credit hours
BIOL 202/202L (some programs accept BIOL 323)	4 credit hours
BIOL 201/201L (some programs accept BIOL 321)	4 credit hours
BIOL 310/310L	4 credit hours
Statistics	3 credit hours

Social science (in addition to psychology)

Humanities (fine arts, literature, history, philosophy, religious studies, foreign languages literature)

Additional requirements

### Pre-Professional Curriculum for Dentistry, Medicine, Optometry, Osteopathy, Podiatry and Veterinary Medicine

The College of Charleston offers courses that prepare students for entry into professional schools while they major in a regular academic discipline. Students are reminded that there is no actual "pre-med" major, for example. Majoring in science is the most common approach; however, students can major in any field such as the arts, business, or science, as long as the course of study includes the general coursework required by the intended professional school and prepares them for the required standardized tests. The Departments of Biology, Chemistry and Biochemistry, and Physics and Astronomy each offer particularly attractive, but different, routes to strong bachelor's degrees that will qualify students for entry into professional schools. Coursework must include:

Biology	8 credit hours
Chemistry	16 credit hours

(8 must be in general chemistry, 8 in organic chemistry)

Mathematics - two courses, including calculus (statistics is recommended)

Physics	8 credit hours
*Biochemistry	0-8 credit hours
*Genetics	4 credit hours

Students should take these courses as early as possible in the academic career by including mathematics and at least two science sequences (biology, chemistry, and physics) in their freshman year.

*\*Recommended for dentistry, medicine and veterinary medicine.*

### Pre-Pharmacy Curriculum

The College of Charleston offers courses that prepare students for entry into pharmacy school after three years of study at the College. Students should consult the pharmacy schools to which they intend to apply for admission for specific

coursework and admissions test requirements. Normally, students must include the following coursework as a minimum:

Biology	8 credit hours
Chemistry (8 must be in general chemistry, 8 in organic chemistry)	16 credit hours
Economics	3 credit hours
English Composition	6 credit hours
Anatomy/Physiology	8 credit hours
Verbal Skills	3 credit hours
Liberal arts electives	9 credit hours
Mathematics (including calculus and statistics)	2 courses
Physics	8 credit hours
Psychology	3 credit hours

Students should take these courses as early as possible in the academic career by including mathematics and at least two science sequences (biology, chemistry, and physics) in their freshman year.

## SCAMP

843.953.4997

South Carolina Alliance for Minority Participation is a program designed for students from underrepresented groups in sciences and mathematics who are interested in pursuing a degree in the sciences, engineering, or mathematics fields. Any minority student who is interested in the College's program in astronomy, biology, biochemistry, chemistry, computer science, geology, mathematics, or physics, and is interested in going to graduate school, is eligible. Minority students who want to become science or mathematics teachers are also eligible. For more information, please go to <http://msps.cofc.edu/academicservices/scamp.php>.

## SEA Semester

843.953.5586 or 843.953.9194

SEA Semester is a program sponsored by the Sea Education Association (SEA), a non-profit organization located in the oceanographic research community of Woods Hole, Massachusetts. Affiliated with the College of Charleston, Cornell University, Boston University, and others, SEA Semester is a 12-week, full-credit undergraduate program focusing on oceanographic and maritime studies. At SEA's Woods Hole campus, students undertake coursework in oceanography, nautical science, and maritime literature and history, followed by a practical component of marine science and blue-water sailing aboard one of SEA's sailing oceanographic research vessels (either of the 134-foot steel brigantine tall ships, the SSV Corwith Cramer or SSV Robert Seamans). For more information, please go to [www.sea.edu](http://www.sea.edu).

*NOTE: Any student at the College of Charleston is eligible to apply for participation in SEA Semester. No sailing experience is necessary for enrollment in SEA Semester.*

## Grice Marine Laboratory

843.953.9200

<http://grice.cofc.edu/>

Located at Fort Johnson on James Island, about 10 miles from the main campus, the Grice Marine Laboratory houses classrooms, student and faculty research laboratories, faculty offices, an aquarium room, and a research collection of marine invertebrates and fishes. The Grice Lab supports teaching and research in marine sciences, including coursework and independent study for the undergraduate marine biology major and the marine biology graduate program. The Grice Lab also maintains important educational and research collaborations with partner institutions at Fort Johnson.

## Marine Resources Library

843.953.9370

The Marine Resources Library at Fort Johnson houses the extensive marine science holdings of the College of Charleston, the South Carolina Department of Natural Resources Marine Resources Division, and NOAA/NOS/CCEHBR/Charleston Laboratory.

# Major Requirements

## List of majors offered:

Accounting	Historic Preservation and Community Planning
Anthropology	History
Archaeology	Hospitality and Tourism Management
Art History	International Business
Arts Management	International Studies
Astronomy	Jewish Studies
Astrophysics	Latin American and Caribbean Studies
Athletic Training	Marine Biology
Biochemistry	Marketing
Biology (B.A.)	Mathematics (B.A.)
Biology (B.S.)	Mathematics (B.S.)
Biology Major with Concentration in Molecular Biology	Middle Grades Education
Biology Major Teaching Option	Music
Business Administration	Philosophy
Chemistry (B.A.)	Physical Education Teacher Education
Chemistry (B.S.)	Physics (B.A.)
Classics (A.B.)	Physics (B.S.)
Classics (B.A.)	Political Science
Communication	Psychology (B.A.)
Computer Information Systems	Psychology (B.S.)
Computer Science (B.A.)	Public Health (B.A.)
Computer Science (B.S.)	Public Health (B.S.)
Computing in the Arts	Religious Studies
Dance	Secondary Education Cognate Major
Data Science	Sociology
Early Childhood Education	Spanish
Economics	Special Education
Elementary Education	Studio Art
English	Theatre
English Major with Concentration in Creative Writing	Urban Studies
Exercise Science	Women's and Gender Studies
Finance	
Foreign Language Education	
French and Francophone Studies	
Geology (B.A.)	
Geology (B.S.)	
German	



# Accounting Major Requirements

Degree: Bachelor of Science

Credit Hours: 66+

"PR" indicates a pre-requisite. "CO" indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult <http://registrar.cofc.edu/general-edu> for more information.

## Required Courses

ACCT 203	Financial Accounting (3) PR: <i>Sophomore standing</i>
ACCT 204	Managerial Accounting (3) PR: <i>Sophomore standing; ACCT 203</i>
ACCT 307	Accounting Information Systems (3) PR: <i>Junior standing; ACCT 203, 204</i>
ACCT 308	Cost Accounting (3) PR: <i>Junior standing; ACCT 203, 204</i>
ACCT 316	Intermediate Accounting I (3) PR: <i>Junior standing; ACCT 203, 204</i>
ACCT 317	Intermediate Accounting II (3) PR: <i>Junior standing; ACCT 203, 204, 316</i>
ACCT 341	Federal Taxation I (3) PR: <i>Junior standing; ACCT 203, 204</i>
ACCT 409	Auditing Theory (3) PR: <i>Senior standing; ACCT 203, 204, 316, 317; CO: ACCT 317 with instructor permission</i>
BLAW 205	Legal Environment of Business (3) PR: <i>Sophomore standing</i>
DSCI 232	Business Statistics (3) PR: <i>MATH 104 or 250</i>
DSCI 304	Production and Operations Management (3) PR: <i>Junior standing; DSCI 232, MGMT 301, MATH 104 or 250, MATH 105 or 120</i>
FINC 303	Business Finance (3) PR: <i>Junior Standing; ACCT 203, 204, ECON 200, 201, MATH 104 or 250; (DSCI 232 is suggested)</i>
MGMT 301	Management and Organizational Behavior (3) PR: <i>Junior standing</i>
MKTG 302	Marketing Concepts (3) PR: <i>Junior Standing; ECON 200, 201</i>
MGMT 408	Business Policy (3) PR: <i>Senior standing, ACCT 203, 204, DSCI 232, 304, ECON 200, 201, FINC 303, MGMT 301, MKTG 302, MATH 104 or 250, MATH 105 or 120</i>

## Select six credit hours from the following:

ACCT 336	Governmental & Not-For-Profit Accounting (3) PR: <i>Junior standing; ACCT 203, 204</i>
ACCT 342	Federal Taxation II (3) PR: <i>Junior standing; ACCT 203, 204, 341</i>
ACCT 444	Accounting Internship (1-3) PR: <i>Senior standing as a declared Accounting major</i>
FINC 315	Intermediate Business Finance (3) PR: <i>ACCT 203, 204, ECON 200, 201, FINC 303, MATH 104 or 250</i>

## Additional Requirements (the following courses are required, but may not be applied toward the major GPA in Accounting):

COMM 104	Public Speaking (3) PR: <i>None</i>
ECON 200	Principles of Microeconomics (3) PR: <i>None</i>
ECON 201	Principles of Macroeconomics (3) PR: <i>ECON 200</i>
MATH 104	Elementary Statistics (3) PR: <i>MATH 101 or placement</i>

**OR**

MATH 250	Statistical Methods I (3) PR: <i>MATH 111, 120 or instructor permission</i>
MATH 105	Calculus for Business and Social Sciences (3) PR: <i>MATH 101 or placement</i>

**OR**

MATH 120	Introductory Calculus (4) PR: <i>C- or better in MATH 111 or placement</i>
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## Notes:

- The School of Business has the following admission standard: You must complete the following courses with a minimum grade of "C-": ECON 200, 201, \*MATH 104 or 250, 105 or 120, \*DSCI 232, \*ACCT 203, 204. \*Note: ECON majors must make a C- or better in MATH 120 and 250 as MATH 105 and 104 are not options in the major. ECON majors may take either MATH 350 or DSCI 232. ECON majors are not required to take ACCT 203 and 204.
- The business and accounting programs offered by the School of Business are accredited by The Association to Advance Collegiate Schools of Business (AACSB).

# Anthropology Major Requirements

Degree: Bachelor of Science

Credit Hours: 33

"PR" indicates a pre-requisite. "CO" indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult <http://registrar.cofc.edu/general-edu> for more information.

## Required Courses

ANTH 101 Introduction to Anthropology (3) *PR: None*

ANTH 201 Cultural Anthropology (3) *PR: None*

ANTH 202 Archaeology (3) *PR: None*

### OR

HONS 168 Honors to Introduction Archaeology (3) *PR: None*

ANTH 203 Introduction to Biological Anthropology (3) *PR: None*

ANTH 205 Language and Culture (3) *PR: None*

ANTH 210\* Development of Anthropological Thought (3) *PR: ANTH 101 or instructor permission*

ANTH 491 Research Methods (3) *PR: ANTH 101 and 210 or instructor permission*

### OR

ANTH 493 Field School in Archaeology (8) *PR: ANTH 202 or instructor permission*

### OR

ANTH 494 Field Work (3-8) *PR: Instructor permission*

**Note:** \*It is recommended that ANTH 210 be taken within the first 15 credit hours of the major.

## Choose one of the following ANTH geographic area courses (320's):

ANTH 320 Peoples and Cultures of North America (3) *PR: ANTH 101 or instructor permission*

ANTH 322 Peoples and Cultures of Africa (3) *PR: ANTH 101 or instructor permission*

ANTH 323 African American Society and Culture (3) *PR: ANTH 101 or instructor permission*

ANTH 325 Peoples and Cultures of Latin America (3) *PR: ANTH 101 or instructor permission*

ANTH 326 Peoples and Cultures of Europe (3) *PR: ANTH 101 or instructor permission*

ANTH 327 Peoples and Cultures of the Caribbean (3) *PR: ANTH 101 or instructor permission*

ANTH 328 Aztecs Maya and their Ancestors (3) *PR: ANTH 101 or ANTH 202 or instructor permission*

ANTH 329 Special Topics: Geographical Areas (3) *PR: ANTH 101 or instructor permission*

## Choose three additional 300-level ANTH courses totaling 9 credit hours from the following:

ANTH 302 Archaeology of North America (3) *PR: ANTH 101 or ANTH 202 or instructor permission*

ANTH 303 Paleolithic Archaeology (3) *PR: ANTH 101 or ANTH 202 or instructor permission*

ANTH 304 Rise of Complex Civilization (3) *PR: ANTH 101 or ANTH 202 or instructor permission*

ANTH 305 Prehistoric Ritual and Art (3) *PR: ANTH 101 or a 100-level ARTH course or ANTH 202 or instructor permission*

ANTH 306 Historical Archaeology (3) *PR: None.*

ANTH 307 Southeastern Prehistoric Archaeology (3) *PR: None.*

ANTH 309 Special Topics in Archaeology (1-4) *PR: ANTH 101 or ANTH 202 or instructor permission*

ANTH 314 Anthropological Perspectives on Time (3) *PR: ANTH 101 or instructor permission*

ANTH 318 Theories for the Origin of Agriculture (3) *PR: ANTH 101 or instructor permission*

ANTH 319 Special Topics in Anthropology (1-4) *PR: ANTH 101 or instructor permission*

ANTH 320 Peoples and Cultures of North America (3) *PR: ANTH 101 or instructor permission*

ANTH 322 Peoples and cultures of Africa (3) *PR: ANTH 101 or instructor permission*

ANTH 323 African American Society and Culture (3) *PR: ANTH 101 or instructor permission*

ANTH 325 Peoples and cultures of Latin America (3) *PR: ANTH 101 or instructor permission*

ANTH 326 Peoples and cultures of Europe (3) *PR: ANTH 101 or instructor permission*

ANTH 327 Peoples and cultures of the Caribbean (3) *PR: ANTH 101 or instructor permission*

ANTH 328 Aztecs, Maya and their Ancestors (3) *PR: ANTH 101 or instructor permission*

ANTH 329 Special Topics: Geographical Areas (3) *PR: ANTH 101 or instructor permission*

ANTH 333	Human Evolution (3) <i>PR: ANTH 101 or BIOL 102 or GEOL 105 or ANTH 203 or instructor permission</i>
ANTH 335	Primate Behavior and Evolution (3) <i>PR: ANTH 101 or BIOL 102 or PSYC 103 or ANTH 203 or instructor permission</i>
ANTH 336	Osteology and Forensics (3) <i>PR: None.</i>
ANTH 340	Medical Anthropology (3) <i>PR: ANTH 101 or ANTH 203 or instructor permission</i>
ANTH 341	Culture and the Individual (3) <i>PR: ANTH 101 or PSYC 103 or instructor permission</i>
ANTH 342	Human Behavior and Evolution (3) <i>PR: ANTH 101 or ANTH 203 or instructor permission</i>
ANTH 345	Applied Anthropology (3) <i>PR: ANTH 101 or instructor permission</i>
ANTH 346	Anthropology of Gender (3) <i>PR: ANTH 101 or WGST 200 or instructor permission</i>
ANTH 352	Folklore of Ireland and the British Isles (3) <i>PR: ANTH 101 or instructor permission</i>
ANTH 353	Cultural and Social Contexts of Education (3) <i>PR: ANTH 101 or instructor permission</i>
ANTH 356	Anthropological Perspectives on Religion (3) <i>PR: ANTH 101 or instructor permission</i>
ANTH 362	Social and Cultural Change (3) <i>PR: ANTH 101 or instructor permission</i>
ANTH 381	Internship (1-6) <i>PR: Completions of at least 6 credit hours in the anthropology major or minor, GPA of 3.00 in anthropology, an overall GPA of 2.50, and instructor permission. Course prerequisites may vary depending on the nature of the placement.</i>
ANTH 382	Student Research Apprenticeship in Anthropology (1-6) <i>PR: GPA of 3.00 in anthropology, a major or minor in anthropology, and instructor permission. Other course prerequisites may vary depending on the nature of the apprenticeship project.</i>
ANTH 383	Student Academic Apprenticeship in Anthropology (1-6) <i>PR: GPA of 3.00 in anthropology, a major or minor in anthropology, and instructor permission. Other course prerequisites may vary depending on the nature of the apprenticeship project.</i>
ANTH 399	Tutorial (3 repeatable up to 12) <i>PR: Completion of at least 6 credit hours in the anthropology major or minor and department chair and instructor permission.</i>
ANTH 490	Independent Study (1-3) <i>PR: Completion of at least 6 credit hours in the anthropology major, GPA of 3.00 in anthropology, overall GPA of 2.50, and instructor permission.</i>
ANTH 491	Research Methods (3) <i>PR: ANTH 101 and ANTH 210 instructor permission</i>
ANTH 492	Seminar in Anthropology (1-3) <i>PR: ANTH 101 and any 200-level course or instructor permission</i>
ANTH 493	Field School in Archaeology (8) <i>PR: ANTH 202 or instructor permission</i>
ANTH 494	Field Work (3-8) <i>PR: Instructor permission</i>
ANTH 499	Bachelor's Essay (6) <i>PR: Instructor permission; a project proposal must be submitted in writing and approved by the department prior to registration for the course</i>

**Notes:**

- *The number of 300-level Anthropology elective credit hours you must take depends on whether you complete ANTH 491: Research Methods (3 credit hours) OR ANTH 493: Field School in Archaeology (8 credit hours) OR ANTH 494: Field Work (3-8 credit hours) to satisfy the research methods requirement for Anthropology. For example, if you complete the 8 credit hour ANTH 493 Field School, 3 credit hours will satisfy the Research Methods requirement and the remaining 5 credit hours will count toward your electives in the Anthropology major.*
- Students majoring in anthropology are encouraged to include courses in sociology, history, political science, international studies, psychology, economics, statistics and computer programming in their program of study.
- The anthropology faculty very strongly recommends that anthropology majors take MATH 104 Elementary Statistics or a higher level statistics course as one of the two math courses fulfilling the general education requirements. This requirement should be fulfilled as early in an individual's program as possible and certainly within the first 6 credit hours after declaration of the anthropology major.

## Archaeology Major Requirements

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Degree: Bachelor of Arts

Credit Hours: 31+

"PR" indicates a pre-requisite. "CO" indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult <http://registrar.cofc.edu/general-edu> for more information.

This major requires students to also declare one of the following cognate majors: Anthropology, Art History, Biology, Chemistry, Classics, Geology, Historic Preservation, or History.

**Required Courses**

- ANTH 202 Archaeology (3) *PR: None*  
 CLAS 104 Introduction to Classical Archaeology (3) *PR: None*  
 GEOL 101 Dynamic Earth (3) *CO: GEOL 101L*

**AND**

- GEOL 101L Dynamic Earth Laboratory (1) *CO: GEOL 101*

**OR**

- GEOL 103 Environmental Geology (3) *CO: GEOL 103L*

**AND**

- GEOL 103L Environmental Geology (1) *CO: GEOL 103*

**OR**

- HONS 155 Honors Geology I (3) *CO: HONS 155L*

**AND**

- HONS 155L Honors Geology I Lab (1) *CO: HONS 155*

**Social Sciences Requirement: Complete coursework totaling 6 credit hours from the following:**

- ANTH 302 Archaeology of North America (3) *PR: ANTH 101 or ANTH 202 or instructor permission*  
 ANTH 303 Paleolithic Archaeology (3) *PR: ANTH 101 or ANTH 202 or instructor permission*  
 ANTH 304 Rise of Complex Civilization (3) *PR: ANTH 101 or ANTH 202 or instructor permission*  
 ANTH 305 Prehistoric Ritual and Art (3) *PR: ANTH 101 or a 100-level ARTH course or ANTH 202 or instructor permission*  
 ANTH 306 Historical Archaeology (3) *PR: None*  
 ANTH 307 Southeastern Prehistoric Archaeology (3) *PR: None*  
 ANTH 309 Special Topics in Archaeology (1-4) *PR: ANTH 101 or ANTH 202 or instructor permission*  
 ANTH 318 Theories for the Origin of Agriculture (3) *PR: ANTH 101 or instructor permission*  
 ANTH 328 Aztecs, Maya, and Their Ancestors (3) *PR: ANTH 101 or ANTH 202 or instructor*  
 ANTH 333 Human Evolution (3) *PR: ANTH 101 or BIOL 102 or GEOL 105 or ANTH 203 or instructor permission*  
 ANTH 399 Tutorial (3, repeatable up to 12) *PR: Completion of at least 6 credit hours in the anthropology major or minor and department chair and instructor permission.*  
 ANTH 490 Independent Study (1-3) *PR: Completion of at least 6 credit hours in the anthropology major, GPA of 3.00 in anthropology, overall GPA of 2.50, and instructor permission.*  
 ANTH 499 Bachelor's Essay (6) *PR: Instructor permission; a project proposal must be submitted in writing and approved by the department prior to registration for the course.*

**Arts and Humanities Requirement: Complete coursework totaling 6 credit hours from the following:**

- ARTH 205 Pre-Colombian Art and Culture (3) *PR: None*  
 ARTH 220 History of Greek and Roman Art (3) *PR: None*  
 ARTH 290 Selected Topics in Art History (3) *PR: None*  
 ARTH 338 American Vernacular Architecture and Material Culture (3) *PR: 6 credit hours of ARTH or ARTH 299 or HPCP 199 or instructor permission*  
 ARTH 340 Selected Topics in Art History (3) *PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission*  
 ARTH 350 History of Early Christian and Byzantine Art (3) *PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission*  
 ARTH 399 Tutorial: Art History (3, Repeatable up to 12) *PR: Junior standing; Honors student; tutor, tutorial committee, and department chair permission*  
 ARTH 490 Independent Study in Art History (3) *PR: Restricted to declared art history majors; junior or senior status; cumulative GPA of at least 3.00; art history major GPA or at least 3.30*  
 HPCP 199 Introduction to Historic Preservation (3) *PR: None*  
 HPCP 275 History of Land Design (cross-listed with ARTH 275) (3) *PR: None*  
 HPCP 290 Special Topics in Historic Preservation (3) *PR: HPCP 199*  
 HPCP 375 Landscape Preservation and Design (3) *PR: None*  
 HPCP 420 Preservation Law and Economics (3) *PR: HPCP 199 and instructor permission*  
 HPCP 490 Independent Study Historic Preservation (3) *PR: Student must be a junior or senior art history major with an overall GPA of at least 3.00 and an art history GPA of at least 3.30*  
 CLAS 121\* Classical Greece (3) *PR: None*  
 CLAS 122\* Bronze Age Greece (3) *PR: None*

CLAS 203	Special Topics (3) <i>PR: None</i>
CLAS 242	Images of Women in Classical Antiquity (3) <i>PR: None</i>
CLAS 290	Special Topics in Classics (3) <i>PR: None</i>
CLAS 303	Topics in Classical Civilization (3) <i>PR: None</i>
CLAS 399	Tutorial (3) <i>PR: Junior standing; tutor and Classics program director permission</i>
CLAS 401	Research Seminar in Classics (3) <i>PR: Junior/Senior standing; Classics program director and instructor permission</i>
CLAS 499	Bachelor's Essay (6) <i>PR: Junior standing and advisor and Classics program director permission</i>
HIST 215	Native American History (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 219	Native Americans in Film (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 230	Ancient Egypt and Mesopotamia (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 270	Special Topics in Pre-Modern History (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 320	Special Topics in Lowcountry History (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 370	Special Topics in Pre-modern History (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 402	Tutorial (3, Repeatable up to 12) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>). Junior standing and instructor and department chair permission.</i>
HIST 403	Reading and Independent Study in History (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>). Instructor and department chair permission.</i>
HIST 470	Research Seminar in Pre-modern History (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>). HIST 299; junior or senior standing; instructor and department chair permission.</i>
HIST 498	Senior Paper (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>). HIST 299; junior or senior standing; instructor and department and department chair permission.</i>
HIST 499	Bachelor's Essay (6) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>). HIST 299; junior or senior standing, instructor and department and department chair permission.</i>

**Note:** \*CLAS 121 and CLAS 122 are travel courses. Students must be able to walk moderately difficult trails.

**Natural Sciences, Data Science, and Mathematics Requirement: Complete coursework totaling 6-8 credit hours from the following:**

BIOL 301	Plant Taxonomy (4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250</i>
BIOL 323	Comparative Anatomy of Vertebrates (4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250</i>
BIOL 332	Vertebrate Zoology (4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250</i>
BIOL 333	Ornithology (4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250</i>
BIOL 334	Herpetology (4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250</i>
BIOL 335	Biology of Fishes (4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250</i>

BIOL 340	Zoogeography (3) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250</i>
BIOL 341	General Ecology (4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250</i>
BIOL 350	Evolution (3) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250</i>
BIOL 360	Introduction to Biometry (3) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250</i>
BIOL 399	Tutorial (1-3) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305; 3.00 GPA or higher in BIOL; junior standing and tutor and department chair permission; PR or CO: MATH 250</i>
BIOL 499	Bachelor's Essay (6) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305; 3.00 GPA or higher in BIOL; instructor and department chair permission; PR or CO: MATH 250</i>
CHEM 221	Quantitative Analysis (4) <i>PR: CHEM 112, CHEM 112L or HONS 154, HONS 154L or HONS 294, HONS 294L; CO CHEM 221L</i>
CHEM 221L	Quantitative Analysis (0) <i>CO: CHEM 221</i>
CHEM 399	Tutorial (3, Repeatable up to 12) <i>PR: Junior standing; tutor and department chair permission</i>
CHEM 521	Instrumental Analysis (4) <i>PR: CHEM 221, CHEM 221L; CO: CHEM 521L</i>
CHEM 521L	Instrumental Analysis (0) <i>CO: CHEM 521</i>
DATA 210	Dataset Organization and Management (3) <i>PR: None</i>
GEOL 235	Geology and Civilization (3) <i>PR: GEOL 101 and 101L or GEOL 103 and 103L or HONS 155 and 155L</i>
GEOL 240	Special Topics in Geology (1-4) <i>PR: GEOL 101 and 101L or GEOL 103 and 103L or HONS 155 and 155L and HONS 156 and 156L or instructor permission</i>
GEOL 252	Mineralogy (4) <i>PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L; CHEM 101 and 101L or CHEM 111 and 111L or instructor permission</i>
GEOL 272	Stratigraphy and Sedimentation (4) <i>PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L or HONS 156 and 156L or instructor permission</i>
GEOL 275	Geomorphology (4) <i>PR: GEOL 101 and 101L or GEOL 103 and 103L or GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L or instructor permission</i>
GEOL 300	Independent Study in Geology (1-3) <i>PR: Junior standing or department approval</i>
GEOL 314	Introduction to Remote Sensing (4) <i>PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L or instructor permission</i>
GEOL 395	Special Topics (1-4) <i>PR: GEOL 101 and 101L or GEOL 103 and 103L</i>
GEOL 399	Tutorial (1-3) <i>PR: Junior standing; tutor and department chair permission</i>
GEOL 416	Paleoecology (4) <i>PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L and MATH 120 and GEOL 352 or instructor permission</i>
GEOL 442	Geological Applications of Remote Sensing (4) <i>PR: GEOL 101 or 103; GEOL 105 or HONS 155 and 156. Some computer experience is helpful.</i>
GEOL 449	Geographical Information Systems (4) <i>PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L or instructor permission. Some computer experience is helpful.</i>
GEOL 491	Senior Seminar (1) <i>PR: Senior standing and declared Geology major</i>
GEOL 499	Bachelor's Essay (6) <i>PR: Submitted project proposal and department approval</i>
MATH 250	Statistical Methods I (3) <i>PR: MATH 111 or MATH 120 or instructor permission</i>
MATH 350	Statistical Methods II (3) <i>PR: MATH 120 and MATH 250</i>

**Capstone Experience Requirement: A hands-on application of theory and methods through fieldwork or lab work. Note: This requirement may be fulfilled with a minimum of 3 credit hours. While credits above 3 will be applied toward the major GPA, they will not be substituted for elective hours in the archaeology major. Complete one of the following capstone options:**

**OPTION A:**

ANTH 493 Field School in Archaeology (8) *PR: ANTH 202 or instructor permission*

**OPTION B:**

CLAS 221 Field Methods in Classical Archaeology I (3) *PR: None*

**AND**

CLAS 222 Field Methods in Classical Archaeology II (3) *PR or CO: CLAS 221*

**OPTION C:**

ANTH 494 Field Work (3-8) *PR: Instructor permission; archaeology program director permission*

**OPTION D:**

ARCH 400 Archaeological Internship (2-6) *PR: Completion of at least 6 credit hours in the archaeology major or minor; a major GPA of 2.00 or higher; and an overall GPA of 2.00 or higher; archaeology program director permission.*

**OPTION E:**

A 3 credit hour field school (of less than 200 field/lab hours) and a 3 credit hour ARCH 400 Archaeological Internship. *PR: Archaeology program director permission*

**OPTION F:**

Students may transfer 3-6 credit hours in fieldwork from another institution. Decisions concerning the acceptance of outside field experience credit will be made by the program director. A minimum of 200 hours in the field is required, and they may include a combination of fieldwork, lab work, lectures and field trips related to the research project for which the student is registered. *PR: Archaeology program director permission*

## Art History Major Requirements

Degree: Bachelor of Arts

Credit Hours: 36+

"*PR*" indicates a pre-requisite. "*CO*" indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult <http://registrar.cofc.edu/general-edu> for more information.

### Required Courses

ARTH 299 Research Methods in Art History (3) *PR: 6 credit hours in ARTH (to be taken in sophomore or junior year; it is a pre-requisite for ARTH 415)*

ARTH 415 Advanced Seminar in Art & Architectural History (3) *PR: ARTH 299*

**Select one course from each category (A, B, & C). No single course may be used to fulfill two separate categories.**

#### Category A: Choose one of the following:

ARTH 101 History of Art: Prehistoric Through Medieval (3) *PR: None*

ARTH 104 Themes in the History of Art (3) *PR: None*

ARTH 105 Introduction to Architecture (3) *PR: None*

ARTH 205 Pre-Columbian Art and Culture (3) *PR: None*

ARTH 220 Greek and Roman Art (3) *PR: None*

ARTH 225 Medieval Art (3) *PR: None*

#### Category B: Choose one of the following:

ARTH 102 History of Art: Renaissance Through Modern (3) *PR: None*

ARTH 104 Themes in the History of Art (3) *PR: None*

ARTH 105 Introduction to Architecture (3) *PR: None*

ARTH 250 American Art (3) *PR: None*

ARTH 277 Renaissance Art (3) *PR: None*

ARTH 280 Baroque Art (3) *PR: None*

ARTH 285 Modern Art (3) *PR: None*

ARTH 293 Introduction to Film Art (3) *PR: None*

#### Category C : Choose one of the following:

ARTH 103 Asian Art (3) *PR: None*

ARTH 210 African Art (3) *PR: None*

ARTH 241 History of the Art of India (3) *PR: None*

ARTH 242 History of the Art of China (3) *PR: None*

ARTH 243 History of the Art of Japan (3) *PR: None*

**Studio Art Requirement: Choose two courses from the following:**

ARTS 119 Drawing I (3) *PR: None*

ARTS 215 Photography I (3) *PR: ARTS 119*

ARTS 216 Painting I (3) *PR: ARTS 119*

ARTS 218 Printmaking I (3) *PR: ARTS 119 or instructor permission*

ARTS 220 Sculpture I (3) *PR: None*

HPCP 299 Preservation Planning Studio (3) *PR: HPCP 199 or instructor permission*

**OR**

HPCP 315 Urban Design Studio (3) *PR: URST 310 or instructor permission*

**OR**

HPCP 319 Architectural Design Studio (3) *PR: None*

**15 credit hours selected from ARTH 101-490 of which 9 credit hours must be at the 300-level or above:**

ARTH 101 History of Art: Prehistoric Through Medieval (3) *PR: None*

ARTH 102 History of Art: Renaissance Through Modern (3) *PR: None*

ARTH 103 History of Asian Art (3) *PR: None*

ARTH 104 Themes in History of Art (3) *PR: None*

ARTH 105 Introduction to Architecture (3) *PR: None*

ARTH 190 Special Topics in Art History (3) *PR: None*

ARTH 205 Pre-Columbian Art and Culture (3) *PR: None*

ARTH 210 African Art (3) *PR: None*

ARTH 220 Greek and Roman Art (3) *PR: None*

ARTH 225 Medieval Art (3) *PR: None*

ARTH 241 Art of India (3) *PR: None*

ARTH 242 Art of China (3) *PR: None*

ARTH 243 History of the Art of Japan (3) *PR: None*

ARTH 250 American Art (3) *PR: None*

ARTH 255 Latin American Colonial Art (3) *PR: None*

ARTH 260 Addlestone Seminar on the Arts and Culture of the Lowcountry (3) *PR: None*

ARTH 265 The City as a Work of Art (3) *PR: None*

ARTH 275 The History of Land Design (3) *PR: None*

ARTH 277 Renaissance Art (3) *PR: None*

ARTH 280 Baroque Art (3) *PR: None*

ARTH 285 Modern Art (3) *PR: None*

ARTH 290 Selected Topics in Art History (3) *PR: None*

ARTH 293 Introduction to Film Art (3) *PR: None*

ARTH 301 Studies in Ancient and Medieval Art (3) *PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission*

ARTH 303 Studies in Renaissance and Baroque Art (3) *PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission*

ARTH 306 Studies in Modern, Contemporary, and Film Arts (3) *PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission*

ARTH 308 Studies in Asian Art (3) *PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission*

ARTH 321 Hindu Myth and Image (3) *PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission*

ARTH 322 Indian Painting (3) *PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission*

ARTH 333 Traditional Design and Preservation in Charleston (3) *PR: None*

ARTH 335 History of American Architecture (3) *PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission*

ARTH 338 American Vernacular Architecture and Material Culture (3) *PR: 6 credit hours in ARTH, or ARTH 299 or HPCP 199, or instructor permission*

ARTH 339 Historic Home Interiors (3) *PR: None*

ARTH 340 Selected Topics in Art History (3) *PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission*

ARTH 350 History of Early Christian and Byzantine Art (3) *PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission*



ARTH 355	History of Early Medieval and Romanesque Art (3) <i>PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission</i>
ARTH 360	History of Gothic Art (3) <i>PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission</i>
ARTH 362	History of Medieval Manuscript Illumination (3) <i>PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission</i>
ARTH 365	History of Northern Renaissance Painting (3) <i>PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission</i>
ARTH 370	History of Italian Early Renaissance Art (3) <i>PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission</i>
ARTH 375	History of Italian High and Late Renaissance Art (3) <i>PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission</i>
ARTH 381	Spanish Baroque Painting and Sculpture (3) <i>PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission</i>
ARTH 385	History of European Painting, 1700-1850 (3) <i>PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission</i>
ARTH 389	19th Century European Art (3) <i>PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission</i>
ARTH 390	20th Century European Art (3) <i>PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission</i>
ARTH 391	Contemporary Art (3) <i>PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission</i>
ARTH 392	The Camera and Visual Perception (3) <i>PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission</i>
ARTH 394	History of the 18th and 19th Century Architecture (3) <i>PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission</i>
ARTH 395	History of 20th Century Architecture (3) <i>PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission</i>
ARTH 410	Internship in Art History (1-6) <i>PR: Junior or senior status; art history major GPA of 3.00 or better</i>
ARTH 490	Independent Study in Art History (3) <i>PR: Restricted to declared art history majors; junior or senior status; cumulative GPA of at least 3.00; art history major GPA of at least 3.30</i>

## Arts Management Major Requirements

Degree: Bachelor of Arts

Credit Hours: 45+

"*PR*" indicates a pre-requisite. "*CO*" indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult <http://registrar.cofc.edu/general-edu> for more information.

### Required Courses

ARTM 200	Introduction to Arts Management (3) <i>PR: None</i>
ARTM 310	Advanced Arts Management (3) <i>PR: ARTM 200, or instructor permission</i>
ARTM 340	Arts Financial Management (3) <i>PR: ARTM 200, ARTM 310 and ACCT 203 or instructor permission</i>
ARTM 350	Fund Raising and Grant Writing for the Arts (3) <i>PR: ARTM 310</i>
ARTM 400	Internship in Arts Management (3) <i>PR: Junior standing, ARTM 310 and faculty permission</i>
ARTM 420	Policy in the Arts (3) <i>PR: ARTM 310, 340, 350 and junior standing</i>
ACCT 203	Financial Accounting (3) <i>PR: Sophomore standing</i>
ECON 200	Principles of Microeconomics (3) <i>PR: None</i>
ECON 201	Principles of Macroeconomics (3) <i>PR: ECON 200</i>
MUSC 131	Music Appreciation (3) <i>PR: None</i>
THTR 176	Introduction to Theatre (3) <i>PR: None</i>

### Choose one of the following:

ARTM 370	Arts Marketing and Public Relations (3) <i>PR: ARTM 200, ARTM 310, MUSC 131, THTR 176, and ARTH 101 or 102 or 103</i>
MKTG 302	Marketing Concepts (3) <i>PR: ECON 200, 201; junior standing</i>

**Choose one of the following:**

- BLAW 205      Legal Environment of Business (3) *PR: Sophomore standing*  
 BLAW 306      Law for Business Managers (3) *PR: Junior Standing; BLAW 205 or instructor permission*

**Choose one of the following:**

- ARTM 325      Understanding Creativity (3) *PR: None*  
 PHIL 280      Aesthetics (3) *PR: None*

**Choose one of the following:**

- ARTH 101      History of Art: Prehistoric Through Medieval (3) *PR: None*  
 ARTH 102      History of Art: Renaissance Through Modern (3) *PR: None*  
 ARTH 103      History of Asian Art (3) *PR: None*

## Astronomy Major Requirements

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Degree: Bachelor of Arts

Credit Hours: 42+

"*PR*" indicates a pre-requisite. "*CO*" indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult <http://registrar.cofc.edu/general-edu> for more information.

**Required Courses**

- PHYS 111      General Physics I (3) *CO: PHYS 111L; PR or CO: MATH 120 or equivalent or instructor permission*  
 PHYS 111L      General Physics I Lab (1) *CO: PHYS 111 or instructor permission*  
 PHYS 112      General Physics II (3) *PR: PHYS 111 and 111L; CO: PHYS 112L; PR or CO: MATH 220 or equivalent or instructor permission*  
 PHYS 112L      General Physics II Lab (1) *CO: PHYS 112 or instructor permission*  
 PHYS 230      Introduction to Modern Physics I (3) *PR: PHYS 112 or HONS 158; PR or CO: MATH 221 or instructor permission*  
 PHYS 419      Research Seminar (1) *PR or CO: PHYS 370 or ASTR 377 or instructor permission*  
 PHYS 420\*      Senior Research (3) *PR: PHYS 419; instructor and department chair permission*

**OR**

- PHYS 499\*\*      Bachelor's Essay (6) *PR: PHYS 419 or department chair permission. Credit will not be awarded for both PHYS 420 and PHYS 499*  
 ASTR 206      Planetary Astronomy (3) *PR: PHYS 111 and 111L (PHYS 101 and MATH 120 may substitute for PHYS 111 with instructor permission.)*

**OR**

- ASTR 311      Stellar Astronomy and Astrophysics (3) *PR: ASTR 230*

**Note:** \*Credit will not be awarded for both PHYS 420 and PHYS 499. \*\*With department approval, PHYS 499 may be substituted for PHYS 420.

**Complete an additional 12 credit hours. At least 6 credit hours must be selected from:**

- ASTR 205      Intelligent Life in the Universe (3) *PR: None*  
 ASTR 206\*      Planetary Astronomy (3) *PR: PHYS 111 and 111L (PHYS 101 and MATH 120 may substitute for PHYS 111 with instructor permission)*  
 ASTR 311\*      Stellar Astronomy and Astrophysics (3) *PR: ASTR 230*  
 ASTR 312      Galactic and Extragalactic Astronomy (3) *PR: ASTR 311 and MATH 221 or instructor permission*  
 ASTR 377      Experimental Astronomy (4) *PR: PHYS 230 or instructor permission*  
 ASTR 413      Astrophysics (3) *PR: PHYS 301 and MATH 323 or instructor permission*  
 PHYS 390      Research (ASTR topic required) (1-3, Repeatable up to 6) *PR: Instructor and department chair permission*

**Note:** \*When not used to fulfill the other above requirements.

**Select an additional 6 credit hours from the following:**

- ASTR 205\*      Intelligent Life in the Universe (3) *PR: None*  
 ASTR 206\*      Planetary Astronomy (3) *PR: PHYS 111 and 111L (PHYS 101 and MATH 120 may substitute for PHYS 111 with instructor permission)*  
 ASTR 210      Black Holes in the Universe (3) *PR: ASTR 130 or PHYS 102 or PHYS 112 or HONS 158*

ASTR 260	NASA Space Mission Design (2) <i>PR: ASTR 130 or ASTR 206 or HONS 160 or GEOL 206 or PHYS 102 or PHYS 112 or HONS 158 or instructor permission; CO: ASTR 260L or GEOL 260L or PHYS 260L or ASTR 460L or GEOL 460L or PHYS 460L</i>
ASTR 260L	NASA Space Mission Design Lab (1) <i>CO: ASTR 260</i>
<b>OR</b>	
ASTR 460L	NASA Space Mission Design Leadership Lab (1) <i>PR: Instructor permission; CO: ASTR 260</i>
ASTR 311*	Stellar Astronomy and Astrophysics (3) <i>PR: ASTR 230</i>
ASTR 312*	Galactic and Extragalactic Astronomy (3) <i>PR: ASTR 311 and MATH 221 or instructor permission</i>
ASTR 377*	Experimental Astronomy (4) <i>PR: PHYS 230 or instructor permission</i>
ASTR 413*	Astrophysics (3) <i>PR: PHYS 301 and MATH 323 or instructor permission</i>
GEOL 206	Planetary Geology (3) <i>PR: GEOL 101 and 101L or GEOL 103 and 103L or HONS 155 and 155L</i>
GEOL 412	Crustal Geophysics (3) <i>PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L and MATH 120 and GEOL 352 or instructor permission</i>
PHYS 301	Classical Mechanics (3) <i>PR: PHYS 112 or HONS 158, and MATH 323 or instructor permission</i>
PHYS 340	Photonics (4) <i>PR: PHYS 112, PHYS 112L or HONS 158</i>
PHYS 390*	Research (ASTR topic required) (1-3, Repeatable up to 6) <i>PR: Instructor and department chair permission</i>
PHYS 403	Introductory Quantum Mechanics (3) <i>PR: PHYS 230, MATH 323 or instructor permission</i>
PHYS 404	Introductory Quantum Mechanics (a continuation of PHYS 403) (3) <i>PR: PHYS 403 or instructor permission</i>
PHYS 405	Thermal Physics (3) <i>PR: PHYS 230</i>
PHYS 407	Introduction to Nuclear Physics (3) <i>PR: PHYS 230 or instructor permission</i>
PHYS 409	Electricity and Magnetism (3) <i>PR: PHYS 112, PHYS 112L or HONS 158 and MATH 323 or instructor permission</i>
PHYS 410	Electricity and Magnetism (3) <i>PR: PHYS 409</i>
PHYS 412	Special Topics (1-3) <i>PR: Instructor permission</i>
PHYS 415	Fluid Mechanics (3) <i>PR: MATH 323 and PHYS 301 or instructor permission</i>

**Note:** \*When not used to fulfill the other above requirements.

### Math Requirement

MATH 120	Introductory Calculus (4) <i>PR: C- or better in MATH 111 or placement</i>
MATH 220	Calculus II (4) <i>PR: MATH 120 or HONS 115</i>
MATH 221	Calculus III (4) <i>PR: MATH 220</i>

### Notes:

- With department approval, completion with grades of at least "B" in PHYS 101/101L and PHYS 102/102L, together with MATH 120 and MATH 220 may be substituted for PHYS 111/111L and PHYS 112/112L.

## Astrophysics Major Requirements

Degree: Bachelor of Science

Credit Hours: 58+

"PR" indicates a pre-requisite. "CO" indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult <http://registrar.cofc.edu/general-edu> for more information.

### Required Courses

PHYS 111	General Physics I (3) <i>PR or CO: MATH 120 or equivalent or instructor permission; PHYS 111L</i>
PHYS 111L	General Physics I Lab (1) <i>CO: PHYS 111 or instructor permission</i>
PHYS 112	General Physics II (3) <i>PR: MATH 120 or equivalent; PHYS 111, PHYS 111L or HONS 157; PR or CO: MATH 220 or equivalent or instructor permission; CO: PHYS 112L</i>
PHYS 112L	General Physics II Lab (1) <i>CO: PHYS 112 or instructor permission</i>
PHYS 230	Introduction to Modern Physics I (3) <i>PR: PHYS 112 or HONS 158; CO or PR: MATH 221 or instructor permission</i>
PHYS 301	Classical Mechanics (3) <i>PR: PHYS 112 or HONS 158, and MATH 323 or instructor permission</i>
PHYS 403	Introductory Quantum Mechanics (3) <i>PR: PHYS 230; CO or PR: MATH 323 or instructor permission</i>
PHYS 405	Thermal Physics (3) <i>PR: PHYS 230, MATH 323 or instructor permission</i>
PHYS 409	Electricity and Magnetism (3) <i>PR: PHYS 112 or HONS 158 and MATH 323 or instructor permission</i>
PHYS 419	Research Seminar (1) <i>PR or CO: PHYS 370 or ASTR 377 or instructor and department chair permission</i>

PHYS 420*	Senior Research (3) <i>PR: PHYS 419 and instructor and department chair permission</i>
<b>OR</b>	
PHYS 499**	Bachelor's Essay (6) <i>PR: PHYS 419 or department chair permission; credit will not be awarded for both PHYS 420 and PHYS 499</i>
ASTR 206	Planetary Astronomy (3) <i>PR: PHYS 111 (PHYS 101 and MATH 120 may substitute for PHYS 111 with instructor permission.)</i>
ASTR 311	Stellar Astronomy and Astrophysics (3) <i>PR: ASTR 230</i>
ASTR 312	Galactic/Extragalactic Astronomy (3) <i>PR: ASTR 311 and MATH 221 or instructor permission</i>
ASTR 377	Experimental Astronomy (4) <i>PR: PHYS 230 or instructor permission</i>

**Note:** \*Credit will not be awarded for both PHYS 420 and PHYS 499. \*\* With department approval, PHYS 499 may be substituted for PHYS 420.

**Select 3 additional credit hours from the following:**

ASTR 410	Black Holes: Advanced Topics (1) <i>PR: PHYS 112 or instructor permission; CO: ASTR 210</i>
ASTR 413	Astrophysics (3) <i>PR: PHYS 301 and MATH 323 or instructor permission</i>
ASTR 460L	NASA Space Mission Design Leadership Lab (1) <i>PR: Instructor permission; CO: ASTR 260</i>
PHYS 390	Research (astronomy topic required) (1-3; repeatable up to 6 credit hours) <i>PR: Instructor and department chair permission</i>
PHYS 404	Introductory Quantum Mechanics II (3) <i>PR: Instructor permission</i>
PHYS 407	Introduction to Nuclear Physics (3) <i>PR: PHYS 230 or instructor permission</i>
PHYS 410	Electricity and Magnetism (3) <i>PR: PHYS 409</i>
PHYS 412	Special Topics (Astronomy topic required) (3) <i>PR: Instructor permission</i>
PHYS 415	Fluid Mechanics (3) <i>PR: MATH 323 and PHYS 301 or instructor permission</i>

**Math Requirement**

MATH 120	Introductory Calculus (4) <i>PR: C- or better in MATH 111 or placement</i>
MATH 220	Calculus II (4) <i>PR: MATH 120 or HONS 115</i>
MATH 221	Calculus III (4) <i>PR: MATH 220</i>
MATH 323	Differential Equations (3) <i>PR: MATH 221 and either MATH 203 or instructor permission</i>

**Notes:**

- *Computer Programming I (CSCI 220 and 220L) is strongly recommended.*
- *With department approval, completion with grades of at least "B" in PHYS 101/101L and PHYS 102/102L, together with MATH 120 and MATH 220 may be substituted for PHYS 111/111L and PHYS 112/112L.*
- *Except for the substitution of ASTR 377 for PHYS 370, this qualifies for the B.S. in Physics. If the student takes ASTR 377 and PHYS 370, then they have a double major in Physics and Astronomy.*
- *Suggested programs of study leading to graduate school in physics, astronomy, astrophysics, meteorology and engineering are available from the department.*

## Athletic Training Major Requirements

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Degree: Bachelor of Science

Credit Hours: 77+

"PR" indicates a pre-requisite. "CO" indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult <http://registrar.cofc.edu/general-edu> or more information.

**Required Courses**

BIOL 201	Human Physiology (4) <i>PR: BIOL 111/111L, BIOL 112/112L</i>
BIOL 202	Human Anatomy (4) <i>PR: BIOL 111/111L, BIOL 112/112L</i>
MATH 104	Elementary Statistics (3) <i>PR: MATH 101 or placement</i>
<b>OR</b>	
MATH 250	Statistical Methods (3) <i>PR: Either MATH 111, 120 or instructor permission</i>
ATEP 245	Athletic Injury Prevention & Management (3) <i>CO: ATEP 245L</i>
ATEP 245L	Athletic Injury Prevention & Management Lab (1) <i>CO: ATEP 245</i>
HEAL 216	Personal & Community Health (3) <i>PR: None</i>

EXSC 330	Kinesiology (3) <i>PR: BIOL 202; EXSC 201 or PEHD 201</i>
EXSC 340	Exercise Physiology & Lab (4) <i>PR: BIOL 201; EXSC 201 or PEHD 201</i>
EXSC 433	Research Design and Analysis (3) <i>PR: EXSC 330, EXSC 340, and MATH 104 or MATH 250</i>
PEHD 458	Organizational & Administration of Physical Education (3) <i>PR: Senior standing; EXSC 201 or PEHD 201</i>
HEAL 333	Sports and Exercise Nutrition (3) <i>PR: BIOL 201</i>
ATEP 345	Athletic Injury Evaluation I (3) <i>PR: ATEP 245, ATEP 245L; CO: 345L</i>
ATEP 345L	Athletic Injury Evaluation Lab I (1) <i>PR: ATEP 245, ATEP 245L; CO: 345</i>
ATEP 346	Athletic Injury Evaluation II (3) <i>PR: ATEP 245, ATEP 245L; CO: 346L</i>
ATEP 346L	Athletic Injury Evaluation Lab II (1) <i>PR: ATEP 245, ATEP 245L; CO: 346</i>
ATEP 365	General Medical Conditions in Athletics (3) <i>PR: ATEP 345, BIOL 201</i>
ATEP 430	Therapeutic Exercise (3) <i>PR: ATEP 245; ATEP 345; EXSC 330; BIOL 201; BIOL 202; or BIOL 201; BIOL 202; EXSC 201; EXSC 330; CO: ATEP 430L</i>
ATEP 430L	Therapeutic Exercise Lab (1) <i>PR: ATEP 245; ATEP 345; EXSC 330; BIOL 201; BIOL 202; or BIOL 201; BIOL 202; EXSC 201; EXSC 330; CO: ATEP 430</i>
ATEP 437	Therapeutic Modalities (3) <i>PR: ATEP 245 or EXSC 201; ATEP 345; CO: ATEP 437L</i>
ATEP 437L	Therapeutic Modalities Lab (1) <i>PR: ATEP 245 or EXSC 201; ATEP 345; CO: ATEP 437</i>
EXSC 440	Biomechanics (3) <i>PR: EXSC 201 or PEHD 201; EXSC 330; PHYS 101</i>

**Cognate Requirement (12 credit hours- 8 credit hours of CHEM & 4 credit hours of PHYS or 4 credit hours of CHEM and 8 credit hours of PHYS)**

CHEM 101	General Chemistry (3) <i>PR: None; CO: CHEM 101L</i>
CHEM 101L	General Chemistry Lab (1) <i>CO: CHEM 101</i>
CHEM 102	Organic and Biological Chemistry (3) <i>PR: CHEM 101 and 101L; CO: CHEM 102L</i>
CHEM 102L	Organic and Biological Chemistry Lab (1) <i>CO: CHEM 102</i>
CHEM 111	Principles of Chemistry (3) <i>PR or CO: Unless students exempt MATH 111 (via diagnostic testing) or have completed this course as a pre-requisite, they are required to take MATH 111 as a co-requisite. CO: CHEM 111L</i>
CHEM 111L	Principles of Chemistry Lab (1) <i>CO: CHEM 111</i>
CHEM 112	Principles of Chemistry (3) <i>PR: CHEM 111 and 111L; CO: CHEM 112L</i>
CHEM 112L	Principles of Chemistry Lab (1) <i>CO: CHEM 112</i>
PHYS 101	Introductory Physics (3) <i>PR: None; CO: PHYS 101L</i>
PHYS 101L	Introductory Physics Lab (1) <i>CO: PHYS 101</i>
PHYS 102	Introductory Physics (3) <i>PR: PHYS 101 or PHYS 111 or HONS 157; CO: PHYS 102L</i>
PHYS 102L	Introductory Physics Lab (1) <i>CO: PHYS 102</i>

**Clinical Education Requirement**

ATEP 375-01	Clinical Education Experience in Athletic Training: Level 1 (1) <i>PR: ATEP 245</i>
ATEP 375-02	Clinical Education Experience in Athletic Training: Level 2 (2) <i>PR: Successful completion of prior ATEP 375 level</i>
ATEP 375-03	Clinical Education Experience in Athletic Training: Level 3 (2) <i>PR: Successful completion of prior ATEP 375 level</i>
ATEP 375-04	Clinical Education Experience in Athletic Training: Level 4 (2) <i>PR: Successful completion of prior ATEP 375 level</i>
ATEP 375-05	Clinical Education Experience in Athletic Training: Level 5 (2) <i>PR: Successful completion of prior ATEP 375 level</i>

**Notes:**

- *Candidates seeking admission into the program must meet selection criteria listed in the Undergraduate Catalog. Meeting selection criteria does not guarantee admission to the program.*
- *Additional information about the Athletic Training Education Program, including selection criteria, may be obtained by contacting the Director of the Athletic Training Education Program.*

# Biochemistry Major Requirements

Degree: Bachelor of Science

Credit Hours: 72+

"PR" indicates a pre-requisite. "CO" indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult <http://registrar.cofc.edu/general-edu> for more information.

## Required Courses

CHEM 111	Principles of Chemistry (3) <i>PR: MATH 111 or equivalent; CO: CHEM 111L</i>
CHEM 111L	Principles of Chemistry Lab (1) <i>CO: CHEM 111</i>
CHEM 112	Principles of Chemistry (3) <i>PR: CHEM 111, CHEM 111L or HONS 153, HONS 153L or HONS 191, HONS 191L; CO: CHEM 112L</i>
CHEM 112L	Principles of Chemistry Lab (1) <i>CO: CHEM 112</i>
CHEM 221	Quantitative Analysis (4) <i>PR: CHEM 112, CHEM 112L or HONS 154, HONS 154L or HONS 294, HONS 294L; CO: CHEM 221L</i>
CHEM 221L	Quantitative Analysis Laboratory (0) <i>CO: CHEM 221</i>
CHEM 231	Organic Chemistry (3) <i>PR: CHEM 112, CHEM 112L or HONS 154, HONS 154L; CO: CHEM 231L</i>
CHEM 231L	Introduction to Organic Chemistry Laboratory Techniques (1) <i>CO: CHEM 231</i>
CHEM 232	Organic Chemistry (3) <i>PR: CHEM 231, CHEM 231L; CO: CHEM 232L</i>
CHEM 232L	Organic Synthesis and Analysis (1) <i>CO: CHEM 232</i>
CHEM 341	Physical Chemistry (3) <i>PR: CHEM 221 and MATH 220; CO: CHEM 341L (MATH 221 is strongly recommended.)</i>
CHEM 341L	Physical Chemistry Laboratory (1) <i>CO: CHEM 341</i>
CHEM 342	Physical Chemistry (3) <i>PR: CHEM 341, CHEM 341L; CO: CHEM 342L</i>
CHEM 342L	Physical Chemistry Laboratory (1) <i>CO: CHEM 342</i>
CHEM 351	Biochemistry (3) <i>PR: CHEM 232, CHEM 232L</i>
CHEM 352	Biochemistry II (3) <i>PR: CHEM 351</i>
CHEM 354L	Biochemistry Lab (1) <i>PR: CHEM 351</i>
CHEM 490	Chemistry and Biochemistry Seminar (1) <i>PR: Junior or senior standing</i>
CHEM 492	Senior Seminar (1) <i>PR: CHEM 341 and senior standing</i>
CHEM 511	Advanced Inorganic Chemistry (3) <i>PR or CO: CHEM 341, CHEM 341L and CHEM 342, CHEM 342L</i>

## Biology Requirement

BIOL 111	Introduction to Cell and Molecular Biology (3) <i>PR: None; CO: BIOL 111L</i>
BIOL 111L	Introduction to Cell and Molecular Biology Lab (1) <i>CO: BIOL 111</i>
<b>OR</b>	
HONS 151	Honors Biology I (3) <i>PR: None; CO: HONS 151L</i>
HONS 151L	Honors Biology I Lab (1) <i>CO: HONS 151</i>
BIOL 112	Evolution, Form, and Function of Organisms (3) <i>PR: BIOL 111 and 111L; CO: BIOL 112L</i>
BIOL 112L	Evolution, Form, and Function of Organisms Lab (1) <i>CO: BIOL 112</i>
<b>OR</b>	
HONS 152	Honors Biology II (3) <i>PR: HONS 151 and 151L; CO: HONS 152L</i>
HONS 152L	Honors Biology II Lab (1) <i>CO: HONS 152</i>

BIOL 312	Molecular Biology (3) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L; BIOL 211 and 211D and BIOL 305 or CHEM 232 and 232L; and CHEM 111 and 111L and CHEM 112 and 112L; PR or CO: MATH 250 or instructor permission for biochemistry majors</i>
BIOL 312L	Molecular Biology Laboratory (1) <i>PR or CO: BIOL 312 and MATH 250 or instructor permission for biochemistry majors</i>

**Select 4 credit hours from the following Biology courses:**

BIOL 305	Genetics (3) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L; PR or CO: BIOL 211 and 211D and MATH 250 or instructor permission for biochemistry majors</i>
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**AND**

BIOL 305L	Genetics Lab (1) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L; PR or CO: BIOL 211 and 211D, BIOL 305 and MATH 250 or instructor permission for biochemistry majors</i>
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BIOL 310	General Microbiology (4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D or CHEM 232 and 232L and CHEM 111 and 111L and CHEM 112 and 112L; PR or CO: BIOL 305 or CHEM 232 and 232L and MATH 250 or instructor permission for biochemistry majors</i>
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BIOL 313	Cell Biology (3) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L; BIOL 211 and 211D; CHEM 111 and 111L and CHEM 112 and 112L; PR or CO: BIOL 305 or CHEM 232 and 232L and MATH 250 or instructor permission for biochemistry majors</i>
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**AND**

BIOL 313L	Cell Biology Laboratory (1) <i>PR or CO: BIOL 313 and MATH 250 or instructor permission for biochemistry majors</i>
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BIOL 321	General and Comparative Physiology (4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L; BIOL 211 and 211D and BIOL 305 or CHEM 232 and 232L; and CHEM 111 and 111L and CHEM 112 and 112L; PR or CO: MATH 250 or instructor permission for biochemistry majors</i>
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**Physics Requirement**

PHYS 111	General Physics I (3) <i>PR or CO: MATH 120 or equivalent or instructor permission; CO: PHYS 111L</i>
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PHYS 111L	General Physics I Lab (1) <i>CO: PHYS 111 or instructor permission</i>
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PHYS 112	General Physics II (3) <i>PR: PHYS 111 and 111L or HONS 157 and 157L; PR or CO: MATH 220 or equivalent or instructor permission; CO: PHYS 112L</i>
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PHYS 112L	General Physics II Lab (1) <i>CO: PHYS 112 or instructor permission</i>
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**Mathematics Requirement**

MATH 120	Introductory Calculus (4) <i>PR: C- or better in MATH 111 or placement</i>
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MATH 220	Calculus II (4) <i>PR: MATH 120 or HONS 115</i>
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**Notes:**

- *MATH 250 is a prerequisite for all 300-level BIOL courses but can be waived with instructor permission for biochemistry majors*
- *Honors students can take the alternative sequence of HONS 191/HONS 191L, HONS 192/HONS 192L, HONS 293/HONS 293L, and HONS 294/HONS 294L in lieu of CHEM 111/111L, CHEM 112/112L, CHEM 231/231L, and CHEM 232/232L.*
- *Honors students can take the alternative sequence of HONS 157/HONS 157L and HONS 158/HONS 158L in lieu of PHYS 111/111L and PHYS 112/112L.*
- *All junior and senior chemistry majors are strongly encouraged to attend the scheduled departmental seminars.*
- *Students who have completed PHYS 101 Introductory Physics I and PHYS 102 Introductory Physics II before declaring a chemistry major or biochemistry may satisfy this requirement by taking additional related courses. Please see the department chair for the list of courses.*
- *MATH 221 Calculus III is also strongly recommended.*
- *CHEM 481/482 Introductory Research is also recommended.*

# Biology (B.A.) Major Requirements

Degree: Bachelor of Arts

Credit Hours: 39+

"PR" indicates a pre-requisite. "CO" indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult <http://registrar.cofc.edu/general-edu> for more information.

## Required Courses

BIOL 111 Introduction to Cell and Molecular Biology (3) *PR: None; CO: BIOL 111L*

BIOL 111L Introduction to Cell and Molecular Biology Lab (1) *CO: BIOL 111*

### OR

HONS 151 Honors Biology I (3) *PR: None; CO: HONS 151L*

HONS 151L Honors Biology I Lab (1) *CO: HONS 151*

BIOL 112 Evolution, Form, and Function of Organisms (3) *PR: BIOL 111 and 111L; CO: BIOL 112L*

BIOL 112L Evolution, Form, and Function of Organisms Lab (1) *CO: BIOL 112*

### OR

HONS 152 Honors Biology II (3) *PR: HONS 151 and 151L; CO: HONS 152L*

HONS 152L Honors Biology II Lab (1) *CO: HONS 152*

BIOL 211 Biodiversity, Ecology, and Conservation Biology (4) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L; CO: BIOL 211D*

BIOL 211D Biodiversity, Ecology, and Conservation Biology Discussion (0) *CO: BIOL 211*

BIOL 305 Genetics (3) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L; PR or CO: BIOL 211 and 211D and MATH 250 or instructor permission*

**Complete 13 credit hours of BIOL courses from the following, including 9 credit hours at the 300-level or above; three courses must be taken with labs; two of the courses with labs must be at the 300-level or above. Labs may carry separate credit or be part of a 4 credit course. (Independent study, tutorial, Bachelor's Essay, or BIOL 450 and 451 with labs do not fulfill the lab requirement).**

BIOL 201 Human Physiology (4) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L*

BIOL 202 Human Anatomy (4) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L*

BIOL 204 Man and the Environment (3) *PR: None*

BIOL 209 Marine Biology (4) *PR: None*

BIOL 250 Special Topics in Biology (1-4) *PR: One year of biology or instructor permission*

BIOL 300 Botany (4) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250*

BIOL 301 Plant Taxonomy (4) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250*

BIOL 302 Plant Anatomy (4) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250*

BIOL 303 Phycology (4) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250*

BIOL 304 Plant Physiology (4) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and one year of chemistry; PR or CO: BIOL 305 and MATH 250*

BIOL 305L Genetics Lab (1) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L; PR or CO: BIOL 211 and 211D, BIOL 305 and MATH 250*

BIOL 310 General Microbiology (4) *PR: One year of Chemistry and BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L; and BIOL 211 and 211D or CHEM 232 and 232L; PR or CO: MATH 250; BIOL 305 or CHEM 232 and 232L*

BIOL 312 Molecular Biology (3) *PR: One year of Chemistry and BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L; BIOL 211 and 211D and BIOL 305 or CHEM 232 and 232L; PR or CO: MATH 250*

BIOL 312L Molecular Biology Laboratory (1) *PR or CO: BIOL 312 and MATH 250. Students cannot use both BIOL 412 and BIOL 312L towards their major requirements.*



- BIOL 313 Cell Biology (3) *PR: One year of Chemistry and BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L; and BIOL 211 and 211D or CHEM 232 and 232L; PR or CO: MATH 250; BIOL 305 or CHEM 232 and 232L*
- BIOL 313L Cell Biology Laboratory (1) *PR or CO: BIOL 313 and MATH 250*
- BIOL 314 Immunology (3) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305 and one year of Chemistry; PR or CO: MATH 250*
- BIOL 320 Histology (4) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250*
- BIOL 321 General and Comparative Physiology (4) *PR: One year of Chemistry and BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L; BIOL 211 and 211D and BIOL 305 or CHEM 232 and 232L; PR or CO: MATH 250 or equivalent course in statistics or instructor permission*
- BIOL 322 Developmental Biology (4) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305; PR or CO: MATH 250*
- BIOL 323 Comparative Anatomy of Vertebrates (4) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250*
- BIOL 332 Vertebrate Zoology (4) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250*
- BIOL 333 Ornithology (4) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250*
- BIOL 334 Herpetology (4) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250*
- BIOL 335 Biology of Fishes (4) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250*
- BIOL 336 Parasitology (4) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305; PR or CO: MATH 250*
- BIOL 337 Invertebrate Zoology (4) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250*
- BIOL 338 Entomology (4) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250*
- BIOL 339 Dinosaur Biology (3) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250*
- BIOL 340 Zoogeography (3) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250*
- BIOL 341 General Ecology (4) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250*
- BIOL 342 Oceanography (4) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250; one year of college-level Math and one year of college-level Chemistry*
- BIOL 343 Animal Behavior (4) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305; PR or CO: MATH 250*
- BIOL 350 Evolution (3) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305; PR or CO: MATH 250*
- BIOL 351 Principles of Neurobiology (3) *PR: PSYC 103 and BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L; BIOL 211 and 211D or PSYC 214; PR or CO: MATH 250*
- BIOL 352 Neurobiology and Behavior (3) *PR: BIOL 351 or PSYC 351 or PSYC 214; PR or CO: MATH 250*
- BIOL 353 Hormones and Behavior (3) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250*
- BIOL 354 Techniques in Neuroscience (4) *PR: BIOL 351 or PSYC 351; MATH 250 or PSYC 211 and PSYC 220 or PSYC 250; and instructor permission*
- BIOL 357 Oceanographic Research (4) *PR: BIOL 342 and instructor permission; PR or CO: MATH 250*
- BIOL 360 Introduction to Biometry (3) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250*
- BIOL 396 Biophysical Modeling of Excitable Cells (3) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and PHYS 111 and 111L and PHYS 112 and 112 L or HONS 158 and 158L or BIOL 211 and 211D and BIOL 305 and PHYS 101 and 101L and PHYS 102 and 102L; PR or CO: MATH 250*
- BIOL 399 Tutorial (1-3) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305; 3.000 GPA or higher in BIOL; junior standing and tutor and department chair permission; PR or CO: MATH 250*
- BIOL 406 Conservation Biology (3) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305 and BIOL 341 or permission of instructor; PR or CO: MATH 250*

BIOL 410	Applied and Environmental Microbiology (4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; BIOL 310 and one year of Chemistry; PR or CO: BIOL 305 and MATH 250</i>
BIOL 411	Microtechnique and Cytochemistry (4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and one year of Chemistry; PR or CO: BIOL 305 and MATH 250</i>
BIOL 412	Capstone in Molecular Biology (3) <i>PR: BIOL 111/111L or HONS 151/151L, BIOL 112/112L or HONS 152/152L, BIOL 211/211D, BIOL 305, BIOL 312, MATH 111 PR or CO: CHEM 351, MATH 250. Students cannot use both BIOL 412 and BIOL 312L towards their major requirements.</i>
BIOL 414	Environmental Immunology (3) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and one year of Chemistry; PR or CO: BIOL 305 and BIOL 312 or BIOL 313 or CHEM 351 and MATH 250</i>
BIOL 420	General and Comparative Endocrinology (4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250 and a course in physiology or instructor permission</i>
BIOL 421	Topics in Physiology, Cell, and Molecular Biology of Marine Organisms (3) <i>PR: BIOL 312 or 313; BIOL 321 and instructor permission; PR or CO: MATH 250</i>
BIOL 444	Plant Ecology (4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 341 or instructor permission; PR or CO: BIOL 305 and MATH 250</i>
BIOL 445	Systematic Biology (3) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305; junior standing and at least one upper division course in organismal Biology; PR or CO: MATH 250</i>
BIOL 446	Special Topics in Neuroscience (3) <i>PR: Junior or senior standing and instructor permission; PR or CO: MATH 250</i>
BIOL 447	Seminar in Neuroscience (3) <i>PR: BIOL 351 or PSYC 351 and BIOL 352 or PSYC 352; CO: BIOL 448 or PSYC 448; PR or CO: MATH 250</i>
BIOL 448	Bachelor's Essay in Neuroscience (6) <i>PR: BIOL 351 or PSYC 351 and BIOL 352 or PSYC 352 and permission of student's major department and the neuroscience program director; PR or CO: MATH 250</i>
BIOL 449	Biology of Coral Reefs (3) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305 and 341; 3.000 GPA or higher in BIOL; junior standing and 15 credit hours of BIOL completed or instructor and department chair permission; PR or CO: MATH 250</i>
BIOL 450	Problems in Biology (1-4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305; 3.000 GPA or higher in science courses; junior standing and instructor and department chair permission; PR or CO: MATH 250</i>
BIOL 451	Problems in Marine Biology (1-4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305; 3.000 GPA or higher in science courses; junior standing and instructor and department chair permission; PR or CO: MATH 250</i>
BIOL 452	Seminar (1) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; 2.500 GPA or higher in BIOL; junior standing and 15 credit hours of BIOL completed; PR or CO: BIOL 305 and MATH 250</i>
BIOL 453	Special Topics (1-4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and instructor permission; PR or CO: BIOL 305 and MATH 250</i>
BIOL 455	Seminar in Molecular Biology (2) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305, 312 and 313; PR or CO: MATH 250</i>
BIOL 499	Bachelor's Essay (6) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305; 3.000 GPA or higher in BIOL; instructor and department chair permission; PR or CO: MATH 250</i>
BIOL 501	Biology of the Crustacea (4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305 and 337; 3.000 GPA or higher in BIOL and junior standing and 15 credit hours of BIOL completed or instructor and department chair permission; PR or CO: MATH 250</i>
BIOL 502	Special Topics in Marine Biology (1-4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305; 3.000 GPA or higher in BIOL and junior standing and 15 credit hours of BIOL completed or instructor and department chair permission; PR or CO: MATH 250</i>
BIOL 503	Special Topics in Ecology (3-4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112L and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305 and 341; 3.000 GPA or higher in BIOL and junior standing and 15 credit hours of BIOL completed or instructor and department chair permission; PR or CO: MATH 250</i>

### Chemistry Requirement

CHEM 101	General Chemistry (3) <i>PR: None; CO: CHEM 101L</i>
CHEM 101L	General Chemistry Lab (1) <i>CO: CHEM 101</i>

### AND

CHEM 102	Organic and Biological Chemistry (3) <i>PR: CHEM 101 and 101L or CHEM 111 and 111L; CO: CHEM 102L</i>
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CHEM 102L Organic and Biological Chemistry Lab (1) CO: CHEM 102

**OR**

CHEM 111 Principles of Chemistry (3) *PR or CO: unless students exempt MATH 111 (via diagnostic testing) or have completed this course as a pre-requisite, they are required to take MATH 111 as a co-requisite; CO: CHEM 111L*

CHEM 111L Principles of Chemistry Lab (1) CO: CHEM 111

**AND**

CHEM 112 Principles of Chemistry (3) *PR: CHEM 111 and 111L or HONS 153 and 153L; CO: CHEM 112L (MATH 120 strongly recommended)*

CHEM 112L Principles of Chemistry Lab (1) CO: CHEM 112

**Mathematics Requirement**

MATH 250 Statistical Methods I (3) *PR: Either MATH 111, 120 or instructor permission*

**Notes:**

- *MATH 250 is a prerequisite for all 300-level BIOL courses.*
- *CHEM 221 is a recommended course.*
- *Honors students can take the alternative sequence of HONS 191/HONS 191L, HONS 192/HONS 192L, HONS 293/HONS 293L, and HONS 294/HONS 294L in lieu of CHEM 111/111L, CHEM 112/112L, CHEM 231/231L, and CHEM 232/CHEM 232L*
- *Honors students can take the alternative sequence of HONS 157/HONS 157L and HONS 158/HONS 158L in lieu of PHYS 111/111L and PHYS 112/112L*

## Biology (B.S.) Major Requirements

Degree: Bachelor of Science

Credit Hours: 65+

"PR" indicates a pre-requisite. "CO" indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult <http://registrar.cofc.edu/general-edu> for more information.

**Required Courses**

BIOL 111 Introduction to Cell and Molecular Biology (3) *PR: None; CO: BIOL 111L*

BIOL 111L Introduction to Cell and Molecular Biology Lab (1) CO: BIOL 111

**OR**

HONS 151 Honors Biology I (3) *PR: None; CO: HONS 151L*

HONS 151L Honors Biology I Lab (1) CO: HONS 151

BIOL 112 Evolution, Form, and Function of Organisms (3) *PR: BIOL 111 and 111L; CO: BIOL 112L*

BIOL 112L Evolution, Form, and Function of Organisms Lab (1) CO: BIOL 112L

**OR**

HONS 152 Honors Biology II (3) *PR: HONS 151 and 151L; CO: HONS 152L*

HONS 152L Honors Biology II Lab (1) CO: HONS 152

BIOL 211 Biodiversity, Ecology, and Conservation Biology (4) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L; CO: BIOL 211D*

BIOL 211D Biodiversity, Ecology, and Conservation Biology Discussion (0) CO: BIOL 211

BIOL 305 Genetics (3) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L; PR or CO: BIOL 211 and 211D and MATH 250 or instructor permission*

**Complete 19 credit hours of 300-level or above BIOL courses including at least four courses with labs from the BIOLOGY 300-LEVEL AND ABOVE ELECTIVES LIST. Note: Independent study, tutorial, Bachelor's Essay, or BIOL 450 and 451 with labs do not fulfill the lab requirement.**

**BIOLOGY 300-LEVEL AND ABOVE ELECTIVES LIST**

BIOL 300 Botany (4) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250*

BIOL 301	Plant Taxonomy (4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250</i>
BIOL 302	Plant Anatomy (4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250</i>
BIOL 303	Phycology (4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250</i>
BIOL 304	Plant Physiology (4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and one year of chemistry; PR or CO: BIOL 305 and MATH 250</i>
BIOL 305L	Genetics Lab (1) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L; PR or CO: BIOL 211 and 211D, BIOL 305 and MATH 250</i>
BIOL 310	General Microbiology (4) <i>PR: One year of Chemistry and BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L; and BIOL 211 and 211D or CHEM 232 and 232L; PR or CO: MATH 250; BIOL 305 or CHEM 232 and 232L</i>
BIOL 312	Molecular Biology (3) <i>PR: One year of Chemistry and BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L; BIOL 211 and 211D and BIOL 305 or CHEM 232 and 232L; PR or CO: MATH 250</i>
BIOL 312L	Molecular Biology Laboratory (1) <i>PR or CO: BIOL 312 and MATH 250. Students cannot use both BIOL 412 and BIOL 312L towards their major requirements.</i>
BIOL 313	Cell Biology (3) <i>PR: One year of Chemistry and BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L; and BIOL 211 and 211D or CHEM 232 and 232L; PR or CO: MATH 250; BIOL 305 or CHEM 232 and 232L</i>
BIOL 313L	Cell Biology Laboratory (1) <i>PR or CO: BIOL 313 and MATH 250</i>
BIOL 314	Immunology (3) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305 and one year of Chemistry; PR or CO: MATH 250</i>
BIOL 320	Histology (4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250</i>
BIOL 321	General and Comparative Physiology (4) <i>PR: One year of Chemistry and BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L; BIOL 211 and 211D and BIOL 305 or CHEM 232 and 232L; PR or CO: MATH 250 or equivalent course in statistics or instructor permission</i>
BIOL 322	Developmental Biology (4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305; PR or CO: MATH 250</i>
BIOL 323	Comparative Anatomy of Vertebrates (4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250</i>
BIOL 332	Vertebrate Zoology (4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250</i>
BIOL 333	Ornithology (4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250</i>
BIOL 334	Herpetology (4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250</i>
BIOL 335	Biology of Fishes (4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250</i>
BIOL 336	Parasitology (4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305; PR or CO: MATH 250</i>
BIOL 337	Invertebrate Zoology (4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250</i>
BIOL 338	Entomology (4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250</i>
BIOL 339	Dinosaur Biology (3) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250</i>
BIOL 340	Zoogeography (3) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250</i>
BIOL 341	General Ecology (4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250</i>
BIOL 342	Oceanography (4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250; one year of college-level Math and one year of college-level Chemistry</i>
BIOL 343	Animal Behavior (4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305; PR or CO: MATH 250</i>
BIOL 350	Evolution (3) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305; PR or CO: MATH 250</i>

BIOL 351	Principles of Neurobiology (3) <i>PR: PSYC 103 and BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L; BIOL 211 and 211D or PSYC 214; PR or CO: MATH 250</i>
BIOL 352	Neurobiology and Behavior (3) <i>PR: BIOL 351 or PSYC 351 or PSYC 214; PR or CO: MATH 250</i>
BIOL 353	Hormones and Behavior (3) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250</i>
BIOL 354	Techniques in Neuroscience (4) <i>PR: BIOL 351 or PSYC 351; MATH 250 or PSYC 211 and PSYC 220 or PSYC 250; and instructor permission</i>
BIOL 357	Oceanographic Research (4) <i>PR: BIOL 342 and instructor permission; PR or CO: MATH 250</i>
BIOL 360	Introduction to Biometry (3) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250</i>
BIOL 396	Biophysical Modeling of Excitable Cells (3) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and PHYS 111 and 111L and PHYS 112 and 112 L or HONS 158 and 158L or BIOL 211 and 211D and BIOL 305 and PHYS 101 and 101L and PHYS 102 and 102L; PR or CO: MATH 250</i>
BIOL 399	Tutorial (1-3) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305; 3.00 GPA or higher in BIOL; junior standing and tutor and department chair permission; PR or CO: MATH 250</i>
BIOL 406	Conservation Biology (3) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305 and BIOL 341 or permission of instructor; PR or CO: MATH 250</i>
BIOL 410	Applied and Environmental Microbiology (4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; BIOL 310 and one year of Chemistry; PR or CO: BIOL 305 and MATH 250</i>
BIOL 411	Microtechnique and Cytochemistry (4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and one year of Chemistry; PR or CO: BIOL 305 and MATH 250</i>
BIOL 412	Capstone in Molecular Biology (3) <i>PR: BIOL 111/111L or HONS 151/151L, BIOL 112/112L or HONS 152/152L, BIOL 211/211D, BIOL 305, BIOL 312, MATH 111 PR or CO: CHEM 351, MATH 250. Students cannot use both BIOL 412 and BIOL 312L towards their major requirements.</i>
BIOL 414	Environmental Immunology (3) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and one year of Chemistry; PR or CO: BIOL 305 and BIOL 312 or BIOL 313 or CHEM 351 and MATH 250</i>
BIOL 420	General and Comparative Endocrinology (4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250 and a course in physiology or instructor permission</i>
BIOL 421	Topics in Physiology, Cell, and Molecular Biology of Marine Organisms (3) <i>PR: BIOL 312 or 313; BIOL 321 and instructor permission; PR or CO: MATH 250</i>
BIOL 444	Plant Ecology (4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 341 or instructor permission; PR or CO: BIOL 305 and MATH 250</i>
BIOL 445	Systematic Biology (3) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305; junior standing and at least one upper division course in organismal Biology; PR or CO: MATH 250</i>
BIOL 446	Special Topics in Neuroscience (3) <i>PR: Junior or senior standing and instructor permission; PR or CO: MATH 250</i>
BIOL 447	Seminar in Neuroscience (3) <i>PR: BIOL 351 or PSYC 351 and BIOL 352 or PSYC 352; CO: BIOL 448 or PSYC 448; PR or CO: MATH 250</i>
BIOL 448	Bachelor's Essay in Neuroscience (6) <i>PR: BIOL 351 or PSYC 351 and BIOL 352 or PSYC 352 and permission of student's major department and the neuroscience program director; PR or CO: MATH 250</i>
BIOL 449	Biology of Coral Reefs (3) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305 and 341; 3.00 GPA or higher in BIOL; junior standing and 15 credit hours of BIOL completed or instructor and department chair permission; PR or CO: MATH 250</i>
BIOL 450	Problems in Biology (1-4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305; 3.00 GPA or higher in science courses; junior standing and instructor and department chair permission; PR or CO: MATH 250</i>
BIOL 451	Problems in Marine Biology (1-4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305; 3.00 GPA or higher in science courses; junior standing and instructor and department chair permission; PR or CO: MATH 250</i>
BIOL 452	Seminar (1) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; 2.50 GPA or higher in BIOL; junior standing and 15 credit hours of BIOL completed; PR or CO: BIOL 305 and MATH 250</i>
BIOL 453	Special Topics (1-4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and instructor permission; PR or CO: BIOL 305 and MATH 250</i>
BIOL 455	Seminar in Molecular Biology (2) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305, 312 and 313; PR or CO: MATH 250</i>

BIOL 499	Bachelor's Essay (6) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305; 3.00 GPA or higher in BIOL; instructor and department chair permission; PR or CO: MATH 250</i>
BIOL 501	Biology of the Crustacea (4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305 and 337; 3.00 GPA or higher in BIOL and junior standing and 15 credit hours of BIOL completed or instructor and department chair permission; PR or CO: MATH 250</i>
BIOL 502	Special Topics in Marine Biology (1-4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305; 3.00 GPA or higher in BIOL and junior standing and 15 credit hours of BIOL completed or instructor and department chair permission; PR or CO: MATH 250</i>
BIOL 503	Special Topics in Ecology (3-4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305 and 341; 3.00 GPA or higher in BIOL and junior standing and 15 credit hours of BIOL completed or instructor and department chair permission; PR or CO: MATH 250</i>

**Chemistry Requirement**

CHEM 111	Principles of Chemistry (3) <i>PR or CO: unless students exempt MATH 111 (via diagnostic testing) or have completed this course as a pre-requisite, they are required to take MATH 111 as a co-requisite; CO: CHEM 111L</i>
CHEM 111L	Principles of Chemistry Lab (1) <i>CO: CHEM 111</i>
CHEM 112	Principles of Chemistry (3) <i>PR: CHEM 111 and 111L or HONS 153 and 153L; CO: CHEM 112L (MATH 120 strongly recommended)</i>
CHEM 112L	Principles of Chemistry Lab (1) <i>CO: CHEM 112</i>
CHEM 231	Organic Chemistry (3) <i>PR: CHEM 112 and CHEM 112L or HONS 154 and HONS 154L; CO: CHEM 231L</i>
CHEM 231L	Introduction to Organic Chemistry Laboratory Techniques (1) <i>CO: CHEM 231</i>
CHEM 232	Organic Chemistry (3) <i>PR: CHEM 231 and CHEM 231L; CO: CHEM 232L</i>
CHEM 232L	Organic Synthesis and Analysis (1) <i>CO: CHEM 232</i>

**Physics Requirement**

PHYS 101	Introductory Physics (3) <i>PR: None; CO: PHYS 101L</i>
PHYS 101L	Introductory Physics Lab (1) <i>CO: PHYS 101</i>
<b>AND</b>	
PHYS 102	Introductory Physics (3) <i>PR: PHYS 101 or PHYS 111 or HONS 157; CO: PHYS 102L</i>
PHYS 102L	Introductory Physics Lab (1) <i>CO: PHYS 102</i>

**OR**

PHYS 111	General Physics I (3) <i>PR or CO: MATH 120 or equivalent or instructor permission; CO: PHYS 111L</i>
PHYS 111L	General Physics I Lab (1) <i>CO: PHYS 111L or instructor permission</i>
<b>AND</b>	
PHYS 112	General Physics II (3) <i>PR: PHYS 111 and 111L or HONS 157 and 157L; PR or CO: MATH 220 or equivalent or instructor permission; CO: PHYS 112L</i>
PHYS 112L	General Physics II Lab (1) <i>CO: PHYS 112 or instructor permission</i>

**Mathematics Requirement**

MATH 120	Introductory Calculus (4) <i>PR: C- or better in MATH 111 or placement</i>
MATH 250	Statistical Methods I (3) <i>PR: Either MATH 111, 120 or instructor permission</i>

**Notes:**

- *MATH 250 is a prerequisite for all 300-level BIOL courses.*
- *CHEM 221 is a recommended course.*
- *Honors students can take the alternative sequence of HONS 191/HONS 191L, HONS 192/HONS 192L, HONS 293/HONS 293L, and HONS 294/HONS 294L in lieu of CHEM 111/111L, CHEM 112/112L, CHEM 231/231L, and CHEM 232/CHEM 232L*
- *Honors students can take the alternative sequence of HONS 157/HONS 157L and HONS 158/HONS 158L in lieu of PHYS 111/111L and PHYS 112/112L*

# Biology Major with Concentration in Molecular Biology Requirements

Degree: Bachelor of Science

Credit Hours: 72+

"PR" indicates a pre-requisite. "CO" indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult <http://registrar.cofc.edu/general-edu> for more information.

## Required Courses

BIOL 111	Introduction to Cell and Molecular Biology (3) <i>PR: None; CO: BIOL 111L</i>
BIOL 111L	Introduction to Cell and Molecular Biology Lab (1) <i>CO: BIOL 111</i>
<b>OR</b>	
HONS 151	Honors Biology I (3) <i>PR: None; CO: HONS 151L</i>
HONS 151L	Honors Biology I Lab (1) <i>CO: HONS 151</i>
BIOL 112	Evolution, Form, and Function of Organisms (3) <i>PR: BIOL 111 and 111L; CO: BIOL 112L</i>
BIOL 112L	Evolution, Form, and Function of Organisms Lab (1) <i>CO: BIOL 112L</i>
<b>OR</b>	
HONS 152	Honors Biology II (3) <i>PR: HONS 151 and 151L; CO: HONS 152L</i>
HONS 152L	Honors Biology II Lab (1) <i>CO: HONS 152</i>
BIOL 211	Biodiversity, Ecology, and Conservation Biology (4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L; CO: BIOL 211D</i>
BIOL 211D	Biodiversity, Ecology, and Conservation Biology Discussion (0) <i>CO: BIOL 211</i>
BIOL 305	Genetics (3) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L; PR or CO: BIOL 211 and 211D and MATH 250 or instructor permission</i>
BIOL 305L	Genetics Lab (1) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L; PR or CO: BIOL 211 and 211D, BIOL 305 and MATH 250</i>
BIOL 312	Molecular Biology (3) <i>PR: One year of Chemistry and BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L; BIOL 211 and 211D and BIOL 305 or CHEM 232 and 232L; PR or CO: MATH 250</i>
BIOL 313	Cell Biology (3) <i>PR: One year of Chemistry and BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L; and BIOL 211 and 211D or CHEM 232 and 232L; PR or CO: MATH 250; BIOL 305 or CHEM 232 and 232L</i>
BIOL 313L	Cell Biology Laboratory (1) <i>PR or CO: BIOL 313 and MATH 250</i>
BIOL 412	Capstone in Molecular Biology (3) <i>PR: BIOL 111/111L or HONS 151/151L, BIOL 112/112L or HONS 152/152L, BIOL 211/211D, BIOL 305, BIOL 312, MATH 111 PR or CO: CHEM 351, MATH 250. Students cannot use both BIOL 412 and BIOL 312L towards their major requirements.</i>

**Complete 8 credit hours of 300-level or above BIOL courses from the BIOLOGY 300-LEVEL AND ABOVE ELECTIVES LIST for a total of four courses with labs (independent study, tutorial, Bachelor's Essay, or BIOL 450 and 451 with labs do not fulfill the lab requirement).**

## BIOLOGY 300-LEVEL AND ABOVE ELECTIVES LIST

BIOL 300	Botany (4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250</i>
BIOL 301	Plant Taxonomy (4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250</i>
BIOL 302	Plant Anatomy (4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250</i>
BIOL 303	Phycology (4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250</i>

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BIOL 304	Plant Physiology (4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and one year of chemistry; PR or CO: BIOL 305 and MATH 250</i>
BIOL 310	General Microbiology (4) <i>PR: One year of Chemistry and BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L; and BIOL 211 and 211D or CHEM 232 and 232L; PR or CO: MATH 250; BIOL 305 or CHEM 232 and 232L</i>
BIOL 314	Immunology (3) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305 and one year of Chemistry; PR or CO: MATH 250</i>
BIOL 320	Histology (4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250</i>
BIOL 321	General and Comparative Physiology (4) <i>PR: One year of Chemistry and BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L; BIOL 211 and 211D and BIOL 305 or CHEM 232 and 232L; PR or CO: MATH 250 or equivalent course in statistics or instructor permission</i>
BIOL 322	Developmental Biology (4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305; PR or CO: MATH 250</i>
BIOL 323	Comparative Anatomy of Vertebrates (4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250</i>
BIOL 332	Vertebrate Zoology (4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250</i>
BIOL 333	Ornithology (4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250</i>
BIOL 334	Herpetology (4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250</i>
BIOL 335	Biology of Fishes (4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250</i>
BIOL 336	Parasitology (4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305; PR or CO: MATH 250</i>
BIOL 337	Invertebrate Zoology (4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250</i>
BIOL 338	Entomology (4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250</i>
BIOL 339	Dinosaur Biology (3) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250</i>
BIOL 340	Zoogeography (3) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250</i>
BIOL 341	General Ecology (4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250</i>
BIOL 342	Oceanography (4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250; one year of college-level Math and one year of college-level Chemistry</i>
BIOL 343	Animal Behavior (4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305; PR or CO: MATH 250</i>
BIOL 350	Evolution (3) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305; PR or CO: MATH 250</i>
BIOL 351	Principles of Neurobiology (3) <i>PR: PSYC 103 and BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L; BIOL 211 and 211D or PSYC 214; PR or CO: MATH 250</i>
BIOL 352	Neurobiology and Behavior (3) <i>PR: BIOL 351 or PSYC 351 or PSYC 214; PR or CO: MATH 250</i>
BIOL 353	Hormones and Behavior (3) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250</i>
BIOL 354	Techniques in Neuroscience (4) <i>PR: BIOL 351 or PSYC 351; MATH 250 or PSYC 211 and PSYC 220 or PSYC 250; and instructor permission</i>
BIOL 357	Oceanographic Research (4) <i>PR: BIOL 342 and instructor permission; PR or CO: MATH 250</i>
BIOL 360	Introduction to Biometry (3) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250</i>



- BIOL 396 Biophysical Modeling of Excitable Cells (3) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and PHYS 111 and 111L and PHYS 112 and 112 L or HONS 158 and 158L or BIOL 211 and 211D and BIOL 305 and PHYS 101 and 101L and PHYS 102 and 102L; PR or CO: MATH 250*
- BIOL 399 Tutorial (1-3) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305; 3.00 GPA or higher in BIOL; junior standing and tutor and department chair permission; PR or CO: MATH 250*
- BIOL 406 Conservation Biology (3) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305 and BIOL 341 or permission of instructor; PR or CO: MATH 250*
- BIOL 410 Applied and Environmental Microbiology (4) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; BIOL 310 and one year of Chemistry; PR or CO: BIOL 305 and MATH 250*
- BIOL 411 Microtechnique and Cytochemistry (4) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and one year of Chemistry; PR or CO: BIOL 305 and MATH 250*
- BIOL 414 Environmental Immunology (3) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and one year of Chemistry; PR or CO: BIOL 305 and BIOL 312 or BIOL 313 or CHEM 351 and MATH 250*
- BIOL 420 General and Comparative Endocrinology (4) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250 and a course in physiology or instructor permission*
- BIOL 421 Topics in Physiology, Cell, and Molecular Biology of Marine Organisms (3) *PR: BIOL 312 or 313; BIOL 321 and instructor permission; PR or CO: MATH 250*
- BIOL 444 Plant Ecology (4) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 341 or instructor permission; PR or CO: BIOL 305 and MATH 250*
- BIOL 445 Systematic Biology (3) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305; junior standing and at least one upper division course in organismal Biology; PR or CO: MATH 250*
- BIOL 446 Special Topics in Neuroscience (3) *PR: Junior or senior standing and instructor permission; PR or CO: MATH 250*
- BIOL 447 Seminar in Neuroscience (3) *PR: BIOL 351 or PSYC 351 and BIOL 352 or PSYC 352; CO: BIOL 448 or PSYC 448; PR or CO: MATH 250*
- BIOL 448 Bachelor's Essay in Neuroscience (6) *PR: BIOL 351 or PSYC 351 and BIOL 352 or PSYC 352 and permission of student's major department and the neuroscience program director; PR or CO: MATH 250*
- BIOL 449 Biology of Coral Reefs (3) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305 and 341; 3.00 GPA or higher in BIOL; junior standing and 15 credit hours of BIOL completed or instructor and department chair permission; PR or CO: MATH 250*
- BIOL 450 Problems in Biology (1-4) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305; 3.00 GPA or higher in science courses; junior standing and instructor and department chair permission; PR or CO: MATH 250*
- BIOL 451 Problems in Marine Biology (1-4) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305; 3.00 GPA or higher in science courses; junior standing and instructor and department chair permission; PR or CO: MATH 250*
- BIOL 452 Seminar (1) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; 2.50 GPA or higher in BIOL; junior standing and 15 credit hours of BIOL completed; PR or CO: BIOL 305 and MATH 250*
- BIOL 453 Special Topics (1-4) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and instructor permission; PR or CO: BIOL 305 and MATH 250*
- BIOL 499 Bachelor's Essay (6) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305; 3.00 GPA or higher in BIOL; instructor and department chair permission; PR or CO: MATH 250*
- BIOL 501 Biology of the Crustacea (4) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305 and 337; 3.00 GPA or higher in BIOL and junior standing and 15 credit hours of BIOL completed or instructor and department chair permission; PR or CO: MATH 250*

BIOL 502	Special Topics in Marine Biology (1-4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305; 3.00 GPA or higher in BIOL and junior standing and 15 credit hours of BIOL completed or instructor and department chair permission; PR or CO: MATH 250</i>
BIOL 503	Special Topics in Ecology (3-4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305 and 341; 3.00 GPA or higher in BIOL and junior standing and 15 credit hours of BIOL completed or instructor and department chair permission; PR or CO: MATH 250</i>

**Chemistry Requirement**

CHEM 111	Principles of Chemistry (3) <i>PR or CO: unless students exempt MATH 111 (via diagnostic testing) or have completed this course as a pre-requisite, they are required to take MATH 111 as a co-requisite; CO: CHEM 111L</i>
CHEM 111L	Principles of Chemistry Lab (1) <i>CO: CHEM 111</i>
CHEM 112	Principles of Chemistry (3) <i>PR: CHEM 111 and 111L or HONS 153 and 153L; CO: CHEM 112L (MATH 120 strongly recommended)</i>
CHEM 112L	Principles of Chemistry Lab (1) <i>CO: CHEM 112</i>
CHEM 231	Organic Chemistry (3) <i>PR: CHEM 112 and CHEM 112L or HONS 154 and HONS 154L; CO: CHEM 231L</i>
CHEM 231L	Introduction to Organic Chemistry Laboratory Techniques (1) <i>CO: CHEM 231</i>
CHEM 232	Organic Chemistry (3) <i>PR: CHEM 231 and CHEM 231L; CO: CHEM 232L</i>
CHEM 232L	Organic Synthesis and Analysis (1) <i>CO: CHEM 232</i>
CHEM 351	Biochemistry (3) <i>PR: CHEM 232, CHEM 232L</i>
CHEM 352	Biochemistry II (3) <i>PR: CHEM 351</i>
CHEM 354L	Biochemistry II Laboratory (1) <i>PR: CHEM 351</i>

**Physics Requirement**

PHYS 101	Introductory Physics (3) <i>PR: None; CO: PHYS 101L</i>
PHYS 101L	Introductory Physics Lab (1) <i>CO: PHYS 101</i>
<b>AND</b>	
PHYS 102	Introductory Physics (3) <i>PR: PHYS 101 or PHYS 111 or HONS 157; CO: PHYS 102L</i>
PHYS 102L	Introductory Physics Lab (1) <i>CO: PHYS 102</i>

**OR**

PHYS 111	General Physics I (3) <i>PR or CO: MATH 120 or equivalent or instructor permission; CO: PHYS 111L</i>
PHYS 111L	General Physics I Lab (1) <i>CO: PHYS 111L or instructor permission</i>
<b>AND</b>	
PHYS 112	General Physics II (3) <i>PR: PHYS 111 and 111L or HONS 157 and 157L; PR or CO: MATH 220 or equivalent or instructor permission; CO: PHYS 112L</i>
PHYS 112L	General Physics II Lab (1) <i>CO: PHYS 112 or instructor permission</i>

**Mathematics Requirement**

MATH 120	Introductory Calculus (4) <i>PR: C- or better in MATH 111 or placement</i>
MATH 250	Statistical Methods I (3) <i>PR: Either MATH 111, 120 or instructor permission</i>

**Notes:**

- *MATH 250 is a prerequisite for all 300-level BIOL courses.*
- *CHEM 221 is a recommended course.*
- *Honors students can take the alternative sequence of HONS 191/HONS 191L, HONS 192/HONS 192L, HONS 293/HONS 293L, and HONS 294/HONS 294L in lieu of CHEM 111/111L, CHEM 112/112L, CHEM 231/231L, and CHEM 232/CHEM 232L*
- *Honors students can take the alternative sequence of HONS 157/HONS 157L and HONS 158/HONS 158L in lieu of PHYS 111/111L and PHYS 112/112L*

# Biology Major Teaching Option Requirements

Degree: Bachelor of Science

Credit Hours: 61+ (does not include Secondary Education Cognate Major Requirements)

Students interested in teacher certification in biology must complete the following courses and the secondary education cognate major requirements. See the School of Education, Health and Human Performance section of this catalog for a listing of the required secondary education cognate major courses. Students should apply for acceptance to this program no later than the second semester of their sophomore year. Requirements for this include admission to and successful completion of the approved teacher education program. Students must successfully complete all requirements for certification in secondary education.

**Notes:** When declaring teacher certification in biology through the Program of Study Management System (POSM), students must first select "Declare or Add a Major" and then "Secondary Education Cognate" from the major list. Once this selection is made, a second menu box will appear with a list of the associated majors. Select the biology major and follow the on-screen instructions.

"PR" indicates a pre-requisite. "CO" indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult <http://registrar.cofc.edu/general-edu> for more information.

## Required Courses:

BIOL 111 Introduction to Cell and Molecular Biology (3) *PR: None; CO: BIOL 111L*

BIOL 111L Introduction to Cell and Molecular Biology Lab (1) *CO: BIOL 111*

### OR

HONS 151 Honors Biology I (3) *PR: None; CO: HONS 151L*

HONS 151L Honors Biology I Lab (1) *CO: HONS 151*

BIOL 112 Evolution, Form, and Function of Organisms (3) *PR: BIOL 111 and 111L; CO: BIOL 112L*

BIOL 112L Evolution, Form, and Function of Organisms Lab (1) *CO: BIOL 112L*

### OR

HONS 152 Honors Biology II (3) *PR: HONS 151 and 151L; CO: HONS 152L*

HONS 152L Honors Biology II Lab (1) *CO: HONS 152*

BIOL 211 Biodiversity, Ecology, and Conservation Biology (4) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L; CO: BIOL 211D*

BIOL 211D Biodiversity, Ecology, and Conservation Biology Discussion (0) *CO: BIOL 211*

BIOL 305 Genetics (3) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L; PR or CO: BIOL 211 and 211D and MATH 250 or instructor permission*

## 19 additional credit hours in courses at the 300-level or above including:

### Complete one of the following courses:

BIOL 312 Molecular Biology (3) *PR: One year of Chemistry and BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L; BIOL 211 and 211D and BIOL 305 or CHEM 232 and 232L; PR or CO: MATH 250*

BIOL 313 Cell Biology (3) *PR: One year of Chemistry and BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L; and BIOL 211 and 211D or CHEM 232 and 232L; PR or CO: MATH 250; BIOL 305 or CHEM 232 and 232L*

### Complete one of the following laboratories:

BIOL 305L Genetics Lab (1) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L; PR or CO: BIOL 211 and 211D, BIOL 305 and MATH 250*

BIOL 312L Molecular Biology Laboratory (1) *PR or CO: BIOL 312 and MATH 250. Students cannot use both BIOL 412 and BIOL 312L towards their major requirements.*

BIOL 313L Cell Biology Laboratory (1) *PR or CO: BIOL 313 and MATH 250*

### Complete one of the following courses:

BIOL 304 Plant Physiology (4) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and one year of chemistry; PR or CO: BIOL 305 and MATH 250*

BIOL 321 General and Comparative Physiology (4) *PR: One year of Chemistry and BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L; BIOL 211 and 211D and BIOL 305 or CHEM 232 and 232L; PR or CO: MATH 250 or equivalent course in statistics or*

*instructor permission*

**Complete at least one course from the following:**

- BIOL 300 Botany (4) PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250
- BIOL 302 Plant Anatomy (4) PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250
- BIOL 303 Phycology (4) PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250
- BIOL 304\* Plant Physiology (4) PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and one year of chemistry; PR or CO: BIOL 305 and MATH 250

**Note:** \*BIOL 304 may be used to fill the other above requirements.

**Complete at least one course from the following:**

- BIOL 310 General Microbiology (4) PR: One year of Chemistry and BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L; and BIOL 211 and 211D or CHEM 232 and 232L; PR or CO: MATH 250; BIOL 305 or CHEM 232 and 232L
- BIOL 322 Developmental Biology (4) PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305; PR or CO: MATH 250
- BIOL 323 Comparative Anatomy of Vertebrates (4) PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250
- BIOL 332 Vertebrate Zoology (4) PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250
- BIOL 333 Ornithology (4) PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250
- BIOL 334 Herpetology (4) PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250
- BIOL 335 Biology of Fishes (4) PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250
- BIOL 336 Parasitology (4) PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305; PR or CO: MATH 250
- BIOL 337 Invertebrate Zoology (4) PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250
- BIOL 338 Entomology (4) PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250
- BIOL 343 Animal Behavior (4) PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305; PR or CO: MATH 250

**Select 3-7 credit hours of any 300-level course listed above or from the following:**

- BIOL 314 Immunology (3) PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305 and one year of Chemistry; PR or CO: MATH 250
- BIOL 340 Zoogeography (3) PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250
- BIOL 341 General Ecology (4) PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250
- BIOL 342 Oceanography (4) PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250; one year of college-level Math and one year of college-level Chemistry
- BIOL 350 Evolution (3) PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305; PR or CO: MATH 250
- BIOL 354 Techniques in Neuroscience (4) PR: BIOL 351 or PSYC 351; MATH 250 or PSYC 211 and PSYC 220 or PSYC 250; and instructor permission
- BIOL 406 Conservation Biology (3) PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305 and BIOL 341 or permission of instructor; PR or CO: MATH 250
- BIOL 410 Applied and Environmental Microbiology (4) PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; BIOL 310 and one year of Chemistry; PR or CO: BIOL 305 and MATH 250

BIOL 420	General and Comparative Endocrinology (4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250 and a course in physiology or instructor permission</i>
BIOL 421	Topics in Physiology, Cell, and Molecular Biology of Marine Organisms (3) <i>PR: BIOL 312 or 313; BIOL 321 and instructor permission; PR or CO: MATH 250</i>
BIOL 444	Plant Ecology (4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 341 or instructor permission; PR or CO: BIOL 305 and MATH 250</i>
BIOL 445	Systematic Biology (3) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305; junior standing and at least one upper division course in organismal Biology; PR or CO: MATH 250</i>
BIOL 450	Problems in Biology (1-4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305; 3.00 GPA or higher in science courses; junior standing and instructor and department chair permission; PR or CO: MATH 250</i>
BIOL 451	Problems in Marine Biology (1-4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305; 3.00 GPA or higher in science courses; junior standing and instructor and department chair permission; PR or CO: MATH 250</i>
BIOL 452	Seminar (1) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; 2.50 GPA or higher in BIOL; junior standing and 15 credit hours of BIOL completed; PR or CO: BIOL 305 and MATH 250</i>
BIOL 453	Special Topics (1-4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and instructor permission; PR or CO: BIOL 305 and MATH 250</i>

### Mathematics Requirement

MATH 120	Introductory Calculus (4) <i>PR: C- or better in MATH 111 or placement</i>
MATH 250	Statistical Methods I (3) <i>PR: Either MATH 111, 120 or instructor permission</i>

### Physics Requirement

PHYS 101	Introductory Physics (3) <i>PR: None; CO: PHYS 101L</i>
PHYS 101L	Introductory Physics Lab (1) <i>CO: PHYS 101</i>
<b>AND</b>	
PHYS 102	Introductory Physics (3) <i>PR: PHYS 101 or PHYS 111 or HONS 157; CO: PHYS 102L</i>
PHYS 102L	Introductory Physics Lab (1) <i>CO: PHYS 102</i>

### OR

PHYS 111	General Physics I (3) <i>PR or CO: MATH 120 or equivalent or instructor permission; CO: PHYS 111L</i>
PHYS 111L	General Physics I Lab (1) <i>CO: PHYS 111L or instructor permission</i>

### AND

PHYS 112	General Physics II (3) <i>PR: PHYS 111 and 111L or HONS 157 and 157L; PR or CO: MATH 220 or equivalent or instructor permission; CO: PHYS 112L</i>
PHYS 112L	General Physics II Lab (1) <i>CO: PHYS 112 or instructor permission</i>

### Chemistry Requirement

CHEM 111	Principles of Chemistry (3) <i>PR or CO: unless students exempt MATH 111 (via diagnostic testing) or have completed this course as a pre-requisite, they are required to take MATH 111 as a co-requisite; CO: CHEM 111L</i>
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CHEM 111L	Principles of Chemistry Lab (1) <i>CO: CHEM 111</i>
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### AND

CHEM 112	Principles of Chemistry (3) <i>PR: CHEM 111 and 111L or HONS 153 and 153L; CO: CHEM 112L (MATH 120 strongly recommended)</i>
CHEM 112L	Principles of Chemistry Lab (1) <i>CO: CHEM 112</i>

### AND

CHEM 102	Organic and Biological Chemistry (3) <i>PR: CHEM 101 and 101L or CHEM 111 and 111L; CO: CHEM 102L</i>
CHEM 102L	Organic and Biological Chemistry Lab (1) <i>CO: CHEM 102</i>

### OR

CHEM 231	Organic Chemistry (3) <i>PR: CHEM 112 and CHEM 112L or HONS 154 and HONS 154L; CO: CHEM 231L</i>
CHEM 231L	Introduction to Organic Chemistry Laboratory Techniques (1) <i>CO: CHEM 231</i>

**Notes:**

- *MATH 250 is a prerequisite for all 300-level BIOL courses.*
- *CHEM 221 is a recommended course.*
- *Honors students can take the alternative sequence of HONS 191/HONS 191L, HONS 192/HONS 192L, HONS 293/HONS 293L, and HONS 294/HONS 294L in lieu of CHEM 111/111L, CHEM 112/112L, CHEM 231/231L, and CHEM 232/CHEM 232L*
- *Honors students can take the alternative sequence of HONS 157/HONS 157L and HONS 158/HONS 158L in lieu of PHYS 111/111L and PHYS 112/112L*

## Business Administration Major Requirements

Degree: Bachelor of Science

Credit Hours: 54+

"PR" indicates a pre-requisite. "CO" indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult <http://registrar.cofc.edu/general-edu> for more information.

**Required Courses**

ACCT 203	Financial Accounting (3) <i>PR: Sophomore standing</i>
ACCT 204	Managerial Accounting (3) <i>PR: Sophomore standing, ACCT 203</i>
BLAW 205	Legal Environment of Business (3) <i>PR: Sophomore standing</i>
DSCI 232	Business Statistics (3) <i>PR: MATH 104 or 250</i>
DSCI 304	Production and Operations Management (3) <i>PR: Junior standing, DSCI 232, MGMT 301, MATH 104 or 250, MATH 105 or 120</i>
DSCI 320	Management Information Systems (3) <i>PR: Junior standing, ACCT 203,204, DSCI 232, MATH 104 or 250</i>
ECON 200	Principles of Microeconomics (3) <i>PR: None</i>
ECON 201	Principles of Macroeconomics (3) <i>PR: ECON 200</i>
FINC 303	Business Finance (3) <i>PR: Junior standing, major declaration, ACCT 203, 204, ECON 200, 201, MATH 104 or 250, (DSCI 232 suggested)</i>
MATH 104	Elementary Statistics (3) <i>PR: MATH 101 or placement</i>
<b>OR</b>	
MATH 250	Statistical Methods I (3) <i>PR: Either MATH 111, MATH 120 or instructor permission</i>
MATH 105	Calculus for Business and the Social Sciences (3) <i>PR: MATH 101 or placement</i>
<b>OR</b>	
MATH 120	Introductory Calculus (4) <i>PR: C- or better in MATH 111 or placement</i>
MGMT 301	Management and Organizational Behavior (3) <i>PR: Junior Standing, major declaration</i>
MGMT 408	Business Policy (3) <i>PR: Senior standing, ACCT 203, 204, DSCI 232, 304, ECON 200, 201, FINC 303, MGMT 301, MKTG 302, MATH 104 or 250, MATH 105 or 120</i>
MKTG 302	Marketing Concepts (3) <i>PR: Junior standing, major declaration, ECON 200, 201</i>

**Choose four courses at the 300 or 400-level from the following with a maximum of 6 credit hours of accounting, economics, independent study, special topics, tutorial or travel/study abroad courses.**

ACCT 307	Accounting Information Systems (3) <i>PR: Junior standing, ACCT 203</i>
ACCT 308	Cost Accounting (3) <i>PR: Junior standing, ACCT 203, 204</i>
ACCT 316	Intermediate Accounting I (3) <i>PR: Junior standing, ACCT 203, 204</i>
ACCT 317	Intermediate Accounting II (3) <i>PR: Junior standing, ACCT 203, 204, 316</i>
ACCT 336	Governmental and Not-for-Profit Accounting (3) <i>PR: Junior standing, ACCT 203, 204</i>
ACCT 341	Federal Taxation I (3) <i>PR: Junior standing, ACCT 203, 204</i>
ACCT 342	Federal Taxation II (3) <i>PR: Junior standing, ACCT 203, 204, 341</i>
ACCT 360	Special Topics in Accounting (1-3) <i>PR: Junior standing, and other pre-requisites as required</i>
ACCT 409	Auditing Theory (3) <i>PR: Senior standing, ACCT 203, 204, 316, 317; CO: ACCT 317 with instructor permission</i>
ACCT 444	Accounting Internship (1-3) <i>PR: Senior standing as a declared Accounting major in the School of Business</i>

BLAW 306	Law for Business Managers (3) <i>PR: Junior standing, BLAW 205 or instructor permission</i>
BLAW 309	Legal Environment of International Business (3) <i>PR: Junior or senior standing</i>
BLAW 360	ST: Business Law (3) <i>PR: Junior standing and other pre-requisites as required</i>
DSCI 304	Production and Operations Management (3) <i>PR: Junior standing, DSCI 232, MGMT 301, MATH 104 or 250, MATH 105 or 120</i>
DSCI 306	Introduction to Electronic Commerce (3) <i>PR: Junior or senior standing, MATH 104, ACCT 203, 204, DSCI 232, 320</i>
DSCI 314	Global Operations & Technology Management (3) <i>PR: Junior standing, DSCI 232, MGMT 301, MATH 104 or 250, MATH 105 or 120</i>
DSCI 320	Management Information Systems (3) <i>PR: Junior standing, ACCT 203, 204, DSCI 232, MATH 104 or 250</i>
DSCI 360	Special Topics in Decision Science (1-3) <i>PR: Junior standing, other pre-requisites depending on topic</i>
DSCI 399	Tutorial (3, Repeatable up to 12) <i>PR: Junior standing, instructor or department chair permission</i>
HONS 394	Honors Research Methods (3) <i>PR: HONS 390 and junior standing</i>
DSCI 406	Quantitative Methods and Decision Making (3) <i>PR: Junior standing, DSCI 23, MATH 104 or 250, MATH 105 or 120</i>
DSCI 420	Independent Study (1-3) <i>PR: Junior standing; written agreement with instructor and chair</i>
DSCI 444	Decision Sciences Internship (3) <i>PR: Senior standing and declared major in the School of Business</i>
DSCI 499	Bachelor's Essay (6) <i>PR: Senior standing</i>
ECON 303	Economics of Transportation and Geography (3) <i>PR: Junior standing, ECON 200, 201</i>
ECON 304	Labor Economics (3) <i>PR: Junior standing, ECON 200, 201, MATH 105 or 120, or instructor permission. (DSCI 232 is recommended)</i>
ECON 305	Money and Financial Institutions (3) <i>PR: Junior standing, ECON 200, 201, MATH 105 or 120, or instructor permission</i>
ECON 306	Monetary Theory and Policy (3) <i>PR: Junior standing, ECON 200, 201, MATH 105 or 120, or instructor permission</i>
ECON 307	Urban Economics (3) <i>PR: Junior standing, ECON 200, 201, MATH 105 or 120, or instructor permission</i>
ECON 308	Evolution of Economic Doctrines (3) <i>PR: Junior standing, ECON 200, 201, MATH 105 or 120, or instructor permission</i>
ECON 310	International Economics (3) <i>PR: Junior standing, ECON 200, 201, MATH 105 or 120, or instructor permission</i>
ECON 311	Environmental Economics (3) <i>PR: Junior standing, ECON 200, 201, MATH 105 or 120, or instructor permission</i>
ECON 316	Evolution of the U. S. Economy (3) <i>PR: Junior standing, ECON 200, 201, or instructor permission</i>
ECON 317	Microeconomic Analysis (3) <i>PR: Junior standing, ECON 200, 201, MATH 120</i>
ECON 318	Macroeconomic Analysis (3) <i>PR: Junior standing, ECON 200, 201, MATH 120</i>
ECON 320	Managerial Economics (3) <i>PR: Junior standing, ECON 200, 201, DSCI 232, MATH 104 or 250, MATH 105 or 120, or instructor permission</i>
ECON 325	Economics for Development (3) <i>PR: Junior standing, ECON 200, 201, MATH 105 or 120, or instructor permission</i>
ECON 330	Comparative Economic Systems (3) <i>PR: Junior standing, ECON 200, 201, MATH 105 or 120, or instructor permission</i>
ECON 340	Public Finance (3) <i>PR: Junior standing, ECON 200, 201, MATH 105 or 120; or instructor permission</i>
ECON 350	Financial Markets in U.S. Economy (3) <i>PR: Junior standing, ECON 200, 201, (ECON 305 is recommended), and instructor permission</i>
ECON 360	Special Topics in Economics (3) <i>PR: Junior standing, ECON 200, 201, MATH 105 or 120, or instructor permission</i>
ECON 399	Tutorial (up to 12) <i>PR: Junior standing, and tutor and department chair permission</i>
ECON 400	Senior Seminar in Economics (3) <i>PR: Senior standing; ECON 200, 201, 317, 318; MATH 120 or 250; MATH 350 or DSCI 232; or instructor permission</i>
ECON 419	Introduction to Econometrics (3) <i>PR: Senior standing, ECON 200, 201, 317, 318; MATH 120, 250; MATH 350 or DSCI 232; or instructor permission</i>
ECON 420	Independent Study (1-3) <i>PR: Junior standing, written agreement of the instructor and department chair permission</i>
ECON 444	Economics Internship (3) <i>PR: Senior standing, declared major or minor in the School of Business, acceptance to an internship program or site, interview with and approval of the instructor. See the departmental internship coordinator for more details.</i>
ECON 499	Bachelor's Essay (6) <i>PR: Senior standing and department approval</i>
ENTR 320	Principles of Entrepreneurship (3) <i>PR: Junior standing</i>
ENTR 321	New Venture Planning (3) <i>PR: ACCT 203, MGMT 301, ENTR 320</i>
ENTR 335	Financing New Ventures (3) <i>PR: ENTR 320; CO or PR: ENTR 321</i>
ENTR 375	Research in Entrepreneurship (3) <i>PR: PSYC 103, ENTR 320 and DSCI 232 or PSYC 103, PSYC 220 and ENTR 320</i>
ENTR 405	Small Business Management (3) <i>PR: Junior standing, ACCT 203, 204, ENTR 320, MGMT 301, MKTG 302, FINC 303, ECON 200, 201, MATH 104 or 250</i>
ENTR 406	Social Entrepreneurship (3) <i>PR: ENTR 320</i>

ENTR 451	Health Sciences Entrepreneurship (3) <i>PR: ENTR 320 or instructor permission for non-Business majors</i>
FINC 313	Management of Financial Institutions (3) <i>PR: Junior standing, ACCT 203, 204, FINC 303, ECON 200, 201, MATH 104 or 250</i>
FINC 315	Intermediate Business Finance (3) <i>PR: Junior standing, ACCT 203, 204, FINC 303, ECON 200, 201, MATH 104 or 250</i>
FINC 360	Special Topics in Finance (3) <i>PR: Junior standing, FINC 303, ACCT 203, 204, ECON 200, 201, MATH 104 or 250, or instructor permission</i>
FINC 382	International Financial Markets (3) <i>PR: Junior or senior standing, ECON 200, 201, FINC 303</i>
FINC 385	Individual Risk Management and Insurance (3) <i>PR: Junior standing</i>
FINC 386	Corporate Risk Management and Insurance (3) <i>PR: Junior standing, ACCT 203, 204, FINC 303, ECON 200, 201, MATH 104 or 250</i>
FINC 399	Tutorial (3, Repeatable up to 6) <i>PR: Junior standing, ACCT 203, 204, ECON 200, 201, MATH 104 or 250, FINC 303, plus instructor and department chair permission</i>
FINC 400	Investment Analysis (3) <i>PR: Junior standing, ACCT 203, 204, DSCI 232, FINC 303, ECON 200, 201, MATH 104 or 250</i>
FINC 410	Seminar in Finance (3) <i>PR: Junior standing, ACCT 203, 204, FINC 303, ECON 200, 201, MATH 104 or 250</i>
FINC 420	Independent Study (1-3) <i>PR: Junior standing, written agreement of the instructor, and department chair permission</i>
FINC 444	Finance Internship (3) <i>PR: Senior standing, declared major or minor in the School of Business, acceptance to an internship, program or site, interview with and approval of the instructor. See the departmental internship coordinator for more details.</i>
FINC 499	Bachelor's Essay (3) <i>PR: Senior standing and department approval</i>
HTMT 350	Hospitality and Tourism Marketing (3) <i>PR: Junior standing; HTMT210; MKTG 302 or ARTM 370; or instructor permission</i>
HTMT 351	Hotel Management (3) <i>PR: Junior standing, HTMT 210 or instructor permission</i>
HTMT 352	Service Operations Management (3) <i>PR: Junior standing, HTMT 210 or instructor permission</i>
HTMT 353	Hospitality Sales and Negotiations (3) <i>PR: Junior standing, HTMT 350 or MKTG 302</i>
HTMT 354	Hospitality and Tourism Technology (3) <i>PR: Junior standing</i>
HTMT 360	Special Topics in Hospitality and Tourism (1-3) <i>PR: Junior standing, other pre-requisites depending on topic</i>
HTMT 361	Meetings and Conventions Management (3) <i>PR: Junior standing, ACCT 203, HTMT 210 or instructor permission</i>
HTMT 362	Events Management (3) <i>PR: Junior standing, ACCT 203, HTMT 210 or ARTM 200 or instructor permission</i>
HTMT 370	Foodservice Enterprise: Design & Development (3) <i>PR: Junior or senior standing, HTMT 210</i>
HTMT 372	Foodservice Operations Analysis (3) <i>PR: Junior or senior standing, HTMT 210</i>
HTMT 399	Tutorial (3, repeatable up to 12) <i>PR: Junior standing, tutor and department chair permission</i>
HTMT 420	Independent Study (3) <i>PR: Junior standing, written agreement with instructor and chair</i>
HTMT 499	Bachelor's Essay (6) <i>PR: Senior standing</i>
INTB 313	Global Commerce and Enterprise (3) <i>PR: Junior standing</i>
INTB 314	Global Operations and Technology Management (3) <i>PR: Junior standing, DSCI 232, MGMT 301, MATH 104 or 250, MATH 105 or 120</i>
INTB 322	International Business (3) <i>PR: Junior standing, ECON 200, 201</i>
INTB 360	Special Topics in International Business (1-3) <i>PR: Junior standing</i>
INTB 409	Global Strategic Management (3) <i>PR: Senior standing, ACCT 203, 204, DSCI 232, ECON 200, 201, FINC 303, INTB 314, MGMT 301, MKTG 302, 326, MATH 104 and 105</i>
MGMT 307	Human Resource Management (3) <i>PR: Junior standing, MGMT 301</i>
MGMT 308	Managing Diversity (3) <i>PR: Junior standing</i>
MGMT 310	International Human Resources (3) <i>PR: MGMT 307</i>
MGMT 319	Creation of New Business Enterprises (3) <i>PR: Junior standing</i>
MGMT 325	International Management (3) <i>PR: Junior standing, MGMT 301</i>
MGMT 332	Business Communications (3) <i>PR: Junior standing</i>
MGMT 340	Total Quality Management (3) <i>PR: Junior standing, DSCI 232, MGMT 301, MATH 104</i>
MGMT 345	Leadership and Management Development (3) <i>PR: Junior standing</i>
MGMT 350	Business, Leadership, and Society (3) <i>PR: Junior standing</i>
MGMT 351	Minority Entrepreneurship (3) <i>PR: Junior standing</i>
MGMT 360	Special Topics in Management (3) <i>PR: Junior standing, other pre-requisites depending on topic.</i>
MGMT 377	Psychology of Entrepreneurship (3) <i>PR: Junior Standing; PSYC 103 or HONS 163 or MGMT 301; PSYC 211 or DSCI 232</i>
MGMT 390	The New South Carolina: Foreign & Domestic Industrial Development (3) <i>PR: Junior standing, ECON 200, 201 or instructor permission</i>



MGMT 391	The International Corporation: A Comparative Approach (3) <i>PR: Junior standing, ECON 200, 201 or instructor permission</i>
MGMT 399	Tutorial (3, Repeatable up to 12) <i>PR: Junior standing; tutor and department chair permission</i>
MGMT 401	Organizational Behavior & Change (3) <i>PR: Senior standing, MGMT 301</i>
MGMT 402	Leading Organizational Change (3) <i>PR: Senior standing, MGMT 301</i>
MGMT 403	Entrepreneurial Leadership (3) <i>PR: ENTR 320 or MGMT 345</i>
MGMT 420	Independent Study (1-3) <i>PR: Junior standing, written agreement with instructor and chair</i>
MGMT 444	Management Internship (3) <i>PR: Senior standing and declared major in the School of Business</i>
MGMT 445	Seminar in Entrepreneurship (1) <i>CO or PR: One of MGMT 319, ENTR 320, or ENTR 405</i>
MGMT 499	Bachelor's Essay (3) <i>PR: Senior standing</i>
MKTG 320	Marketing Research (3) <i>PR: Junior standing, ECON 200, 201, MATH 104 or 250, DSCI 232, MKTG 302</i>
MKTG 326	International Marketing (3) <i>PR: Junior standing, MKTG 302, ECON 200, 201</i>
MKTG 328	Retailing Management (3) <i>PR: Junior standing, MKTG 302, ECON 200, 201</i>
MKTG 329	Consumer Behavior (3) <i>PR: Junior standing, ECON 200, 201, MKTG 302</i>
MKTG 330	Advertising (3) <i>PR: Junior standing, MKTG 302, ECON 200, 201</i>
MKTG 331	Public Relations (3) <i>PR: Junior standing</i>
MKTG 333	Purchasing and Supply Chain Management (3) <i>PR: Junior standing</i>
MKTG 360	Special Topics in Marketing (1-3) <i>PR: Junior standing, other pre-requisites depending on topic</i>
MKTG 399	Tutorial (3, Repeatable up to 12) <i>PR: Junior standing, tutor and department chair permission</i>
MKTG 420	Independent Study (1-3) <i>PR: Junior standing, written agreement with instructor and chair</i>
MKTG 425	Marketing Management (3) <i>PR: Junior standing, MKTG 302, 320, 329; ECON 200, 201</i>
MKTG 444	Marketing Internship (3) <i>PR: Senior standing and declared major in the School of Business</i>
MKTG 499	Bachelor's Essay (6) <i>PR: Senior standing</i>
REAL 310	Principles of Real Estate (3) <i>PR: Junior standing</i>
REAL 360	Special Topics in Real Estate (1-3) <i>PR: Junior standing, FINC 303</i>
REAL 376	Real Estate Market Analysis (3) <i>CO or PR: Junior standing, FINC 303</i>
REAL 380	Real Estate Investment Analysis (3) <i>PR: Junior standing, ACCT 203, 204, FINC 303, ECON 200, 201, MATH 104 or 250, REAL 310, or instructor permission</i>
REAL 410	Real Estate Finance (3) <i>PR: Junior standing, ACCT 203, 204, FINC 303, REAL 310, ECON 200, 201, MATH 104 or 250; or instructor permission</i>
REAL 420	Real Estate Independent Study (1-3) <i>PR: Junior standing, instructor and department chair permission</i>
REAL 444	Real Estate Internship (3) <i>PR: Senior standing, major or minor in the School of Business. See departmental internship coordinator for more details.</i>
REAL 499	Bachelor's Essay (6) <i>PR: Senior standing and department approval</i>
TRAN 311	Intermodal Transportation (3) <i>PR: Junior standing, ECON 200, 201</i>
TRAN 312	Global Logistics (3) <i>PR: Junior standing, ECON 200, 201</i>
TRAN 360	Special Topics in Intermodal Transportation (1-3) <i>PR: Junior standing, other pre-requisites depending on topic</i>
TRAN 399	Tutorial (3, Repeatable up to 12) <i>PR: Junior standing, permission of the tutor and the chair</i>
TRAN 420	Independent Study (1-3) <i>PR: Junior standing, written agreement with the instructor and chair</i>
TRAN 431	Issues in Global Logistics (3) <i>PR: Senior standing, TRAN 311, 312, MGMT 322, ECON 200, 201, 303</i>
TRAN 432	Global Logistics Systems Management (3) <i>PR: Senior standing, TRAN 311, 312, INTB 322, ECON 200, 201</i>
TRAN 444	Transportation Internship (3) <i>PR: Senior standing and declared major in the School of Business</i>
TRAN 499	Bachelor's Essay (6) <i>PR: Senior standing</i>

**Optional: Students may select one of the following concentrations in lieu of choosing four courses from the list above:**

## Entrepreneurship Concentration

### Required courses:

ENTR 320	Principles of Entrepreneurship (3) <i>PR: Junior standing</i>
ENTR 321	New Venture Planning (3) <i>PR: ACCT 203, MGMT 301, ENTR 320</i>

### Choose 12 credit hours from the following; at least one must be ENTR:

ENTR 335	Financing New Ventures (3) <i>PR: ENTR 320; CO or PR: ENTR 321</i>
ENTR 375	Research in Entrepreneurship (3) <i>PR: PSYC 103, ENTR 320 and DSCI 232 or PSYC 103, PSYC 220 and ENTR 320</i>

ENTR 405	Small Business Management (3) <i>PR: Junior standing, ACCT 203, 204, ENTR 320, MGMT 301, MKTG 302, FINC 303, ECON 200, 201, MATH 104 or 250</i>
ENTR 406	Social Entrepreneurship (3) <i>PR: ENTR 320</i>
ENTR 407	Ecopreneurship (3) <i>PR: Junior standing; ENTR 320 or ENVT 200 or instructor permission.</i>
ENTR 451	Health Sciences Entrepreneurship (3) <i>PR: ENTR 320 or instructor permission for non-Business majors</i>
MGMT 351	Minority Entrepreneurship (3) <i>PR: Junior standing</i>
MGMT 377	Psychology of Entrepreneurship (3) <i>PR: PSYC 103, one of: (MATH 104 or PSYC 211 or DSCI 232)</i>
MGMT 403	Entrepreneurial Leadership (3) <i>PR: ENTR 320 or MGMT 345</i>
MGMT 445	Seminar in Entrepreneurship (1) <i>CO or PR: One of MGMT 319, ENTR 320, or ENTR 405</i>

## Finance Concentration

### Required courses:

FINC 410 Seminar in Finance (3) *PR: Junior standing, ACCT 203, 204, FINC 303, ECON 200, 201, MATH 104 or 250*

**Choose four courses from the following with no more than 6 credit hours from real estate (REAL) courses and no more than 3 credit hours from FINC 420, 499 or internships:**

ECON 305	Money and Financial Institutions (3) <i>PR: Junior standing, ECON 200, 201, MATH 105 or 120, or instructor permission</i>
FINC 313	Management of Financial Institutions (3) <i>PR: Junior standing, ACCT 203, 204, FINC 303, ECON 200, 201, MATH 104 or 250</i>
FINC 315	Intermediate Business Finance (3) <i>PR: Junior standing, ACCT 203, 204, FINC 303, ECON 200, 201, MATH 104 or 250</i>
FINC 360	Special Topics in Finance (3) <i>PR: Junior standing, FINC 303, ACCT 203, 204, ECON 200, 201, MATH 104 or 250, or instructor permission</i>
FINC 382	International Financial Markets (3) <i>PR: Junior or senior standing, ECON 200, 201, FINC 303</i>
FINC 385	Individual Risk Management and Insurance (3) <i>PR: Junior standing</i>
FINC 386	Corporate Risk Management and Insurance (3) <i>PR: Junior standing, ACCT 203, 204, FINC 303, ECON 200, 201, MATH 104 or 250</i>
FINC 399	Tutorial (3, Repeatable up to 6) <i>PR: Junior standing, ACCT 203, 204, ECON 200, 201, MATH 104 or 250, FINC 303, plus instructor permission and chair of the department permission</i>
FINC 400	Investment Analysis (3) <i>PR: Junior standing, ACCT 203, 204, DSCI 232, FINC 303, ECON 200, 201, MATH 104 or 250</i>
FINC 420	Independent Study (1-3) <i>PR: Junior standing, written agreement of the instructor and permission of the department chair</i>
FINC 444	Finance Internship (3) <i>PR: Senior standing, declared major or minor in the School of Business, acceptance to an internship program or site, interview with and approval of the instructor. See the departmental internship coordinator for more details.</i>
FINC 499	Bachelor's Essay (3) <i>PR: Senior standing and department approval</i>
REAL 310	Principles of Real Estate (3) <i>PR: Junior standing</i>
REAL 360	Special Topics in Real Estate (1-3) <i>PR: Junior standing, FINC 303</i>
REAL 376	Real Estate Market Analysis (3) <i>CO or PR: Junior standing, FINC 303</i>
REAL 380	Real Estate Investment Analysis (3) <i>PR: Junior standing, ACCT 203, 204, FINC 303, ECON 200, 201, MATH 104 or 250, REAL 310, or instructor permission</i>
REAL 410	Real Estate Finance (3) <i>PR: Junior standing, ACCT 203, 204, FINC 303, REAL 310, ECON 200, 201, MATH 104 or 250; or instructor permission</i>
REAL 420	Real Estate Independent Study (1-3) <i>PR: Junior standing, permission of instructor and chair</i>
REAL 444	Real Estate Internship (3) <i>PR: Senior standing, major or minor in the School of Business. See departmental internship coordinator for more details.</i>
REAL 499	Bachelor's Essay (6) <i>PR: Senior standing and department approval</i>

## Global Logistics and Transportation Concentration

### Required courses:

TRAN 311	Intermodal Transportation (3) <i>PR: Junior standing, ECON 200, 201</i>
TRAN 312	Global Logistics (3) <i>PR: Junior standing, ECON 200, 201</i>
ECON 303	Economics of Transportation and Geography (3) <i>PR: Junior standing, ECON 200, 201</i>

INTB 322	International Business (3) <i>PR: Junior standing, ECON 200, 201</i>
TRAN 431	Issues in Global Logistics (3) <i>PR: Senior standing, TRAN 311, 312, MGMT 322, ECON 200, 201, 303</i>
TRAN 432	Global Logistics Systems Management (3) <i>PR: Senior standing, TRAN 311, 312, INTB 322, ECON 200, 201</i>

## Hospitality and Tourism Management Concentration

### Required courses:

HTMT 210 Principles and Practices in Hospitality and Tourism (3) *PR: None*

### Choose one of the following options for electives:

#### Option 1: Choose 15 credit hours from the following:

HTMT 350	Hospitality and Tourism Marketing (3) <i>PR: Junior standing; HTMT210; MKTG 302 or ARTM 370; or instructor permission</i>
HTMT 351	Hotel Management (3) <i>PR: Junior standing, HTMT 210 or instructor permission</i>
HTMT 352	Service Operations Management (3) <i>PR: Junior standing, HTMT 210 or instructor permission</i>
HTMT 353	Hospitality Sales and Negotiations (3) <i>PR: Junior standing, HTMT 350 or MKTG 302</i>
HTMT 354	Hospitality and Tourism Technology (3) <i>PR: Junior standing</i>
HTMT 360	Special Topics in Hospitality & Tourism (1-3) <i>PR: Junior standing, other pre-requisites depending on topic</i>
HTMT 361	Meeting and Conventions Management (3) <i>PR: Junior standing, ACCT 203, HTMT 210 or instructor permission</i>
HTMT 362	Events Management (3) <i>PR: Junior standing, ACCT 203, HTMT 210 or ARTM 200 or instructor permission</i>
HTMT 370	Foodservice Enterprise: Design & Development (3) <i>PR: Junior or senior standing, HTMT 210</i>
HTMT 372	Foodservice Operations Analysis (3) <i>PR: Junior or senior standing, HTMT 210</i>
HTMT 399	Tutorial (3, repeatable up to 12) <i>PR: Junior standing, tutor and department chair permission</i>
HTMT 420	Independent Study (3) <i>PR: Junior standing, written agreement with instructor and chair</i>
HTMT 499	Bachelor's Essay (6) <i>PR: Senior standing</i>

#### Option 2: Choose 12 credit hours from the list above and 3 credit hours from the following:

MGMT 307	Human Resource Management (3) <i>PR: Junior standing, MGMT 301</i>
MGMT 308	Managing Diversity (3) <i>PR: Junior standing</i>
MGMT 319	Creation of New Business Enterprises (3) <i>PR: Junior standing</i>
MKTG 320	Marketing Research (3) <i>PR: Junior standing, ECON 200, 201, MATH 104, DSCI 232, MKTG 302</i>
REAL 310	Principles of Real Estate (3) <i>PR: Junior standing</i>

## Leadership, Change and Social Responsibility Concentration

### Required courses:

MGMT 345	Leadership and Management Development (3) <i>PR: Junior standing</i>
MGMT 350	Business, Leadership, and Society (3) <i>PR: Junior standing</i>
MGMT 401	Organizational Behavior & Change (3) <i>PR: Senior standing, MGMT 301</i>

### Choose 3 credit hours from the following:

MGMT 307	Human Resource Management (3) <i>PR: Junior standing, MGMT 301</i>
MGMT 332	Business Communications (3) <i>PR: Junior standing</i>
MGMT 403	Entrepreneurial Leadership (3) <i>PR: ENTR 320 or MGMT 345</i>
MGMT 420	Independent Study (1-3) <i>PR: Junior standing, written agreement with instructor and chair</i>
MGMT 444	Management Internship (3) <i>PR: Senior standing and declared major in the School of Business</i>

### Choose one course from the following:

COMM 104	Public Speaking (3) <i>PR: None</i>
HIST 221	Women in the United States (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
PHIL 175	Business and Consumer Ethics (3) <i>PR: None</i>
POLI 348	Politics of Protest and Revolution (3) <i>PR: None</i>
PSYC 223	Social Psychology (3) <i>PR: PSYC 103</i>
PSYC 321	Industrial Psychology (3) <i>PR: PSYC 103</i>
SOCY 358	Living in an Organizational World (3) <i>PR: SOCY 101 or HONS 167 or SOCY 102</i>

## Marketing Concentration

### Required courses:

MKTG 320	Marketing Research (3) <i>PR: Junior standing, ECON 200, 201, MATH 104 or 250, DSCI 232, MKTG 302</i>
MKTG 326	International Marketing (3) <i>PR: Junior standing, MKTG 302, ECON 200, 201</i>
MKTG 329	Consumer Behavior (3) <i>PR: Junior standing, ECON 200, 201, MKTG 302</i>
MKTG 425	Marketing Management (3) <i>PR: Junior standing, MKTG 302, 320, 329; ECON 200, 201</i>

**Choose two courses totaling 6 credit hours from the following (no more than 3 credit hours can be counted toward the concentration from MKTG 420, 360 or 444):**

HTMT 353	Hospitality Sales and Negotiations (3) <i>PR: Junior standing, HTMT 350 or MKTG 302</i>
MGMT 332	Business Communications (3) <i>PR: Junior standing</i>
TRAN 312	Global Logistics (3) <i>PR: Junior standing, ECON 200, 201</i>
MKTG 328	Retailing Management (3) <i>PR: Junior standing, MKTG 302, ECON 200, 201</i>
MKTG 330	Advertising (3) <i>PR: Junior standing, MKTG 302, ECON 200, 201</i>
MKTG 331	Public Relations (3) <i>PR: Junior standing</i>
MKTG 333	Purchasing and Supply Chain Management (3) <i>PR: Junior standing</i>
MKTG 360	Special Topics in Marketing (1-3) <i>PR: Junior standing, other pre-requisites depending on topic</i>
MKTG 420	Independent Study (1-3) <i>PR: Junior standing, written agreement with instructor and chair</i>
MKTG 444	Marketing Internship (3) <i>PR: Senior standing and declared major in the School of Business</i>

## Real Estate Concentration

### Required courses:

REAL 310	Principles of Real Estate (3) <i>PR: Junior standing</i>
REAL 410	Real Estate Finance (3) <i>PR: Junior standing, ACCT 203, 204, FINC 303, REAL 310, ECON 200, 201, MATH 104 or 250; or instructor permission</i>

**Choose at least 3 credit hours from the following:**

REAL 376	Real Estate Market Analysis (3) <i>CO or PR: Junior standing, FINC 303</i>
REAL 380	Real Estate Investment Analysis (3) <i>PR: Junior standing, ACCT 203, 204, FINC 303, ECON 200, 201, MATH 104 or 250, REAL 310, or instructor permission</i>
REAL 420	Real Estate Independent Study (1-3) <i>PR: Junior standing, instructor and department chair permission.</i>

**Choose 9 credit hours from the following (no more than 3 credit hours in REAL 420, 444, 400 and no more than 6 credit hours in HPCP 319, MGMT 319, POLI 305 and URST 310):**

REAL 310	Principles of Real Estate (3) <i>PR: Junior standing</i>
REAL 360	Special Topics in Real Estate (1-3) <i>PR: Junior standing, FINC 303</i>
REAL 376	Real Estate Market Analysis (3) <i>CO or PR: Junior standing, FINC 303</i>
REAL 380	Real Estate Investment Analysis (3) <i>PR: Junior standing, ACCT 203, 204, FINC 303, ECON 200, 201, MATH 104 or 250, REAL 310, or instructor permission</i>
REAL 410	Real Estate Finance (3) <i>PR: Junior standing, ACCT 203, 204, FINC 303, REAL 310, ECON 200, 201, MATH 104 or 250; or instructor permission</i>
REAL 420	Real Estate Independent Study (1-3) <i>PR: Junior standing, instructor and department chair permission</i>
REAL 444	Real Estate Internship (3) <i>PR: Senior standing, major or minor in the School of Business. See departmental internship coordinator for more details.</i>
REAL 499	Bachelor's Essay (6) <i>PR: Senior standing and department approval</i>
ECON 307	Urban Economics (3) <i>PR: Junior standing, ECON 200, 201, MATH 105 or 120, or instructor permission</i>
ECON 311	Environmental Economics (3) <i>PR: Junior standing, ECON 200, 201, MATH 105 or 120, or instructor permission</i>
ENTR 320	Principles of Entrepreneurship (3) <i>PR: None</i>
HPCP 319	Architectural Studio Design (3) <i>PR: None</i>
POLI 305	Urbanization and Urban Geography (3) <i>PR: None</i>
URST 310	Urban Planning (3) <i>PR: None</i>

### Notes:

- The School of Business has the following admission standard: You must complete the following courses with a minimum grade of "C -": ECON 200, 201, \*MATH 104 or 250, 105 or 120, \*DSCI 232, \*ACCT 203, 204. \*Note: ECON majors must make a C- or*

better in MATH 120 and 250 as MATH 105 and 104 are not options in the major. ECON majors may take either MATH 350 or DSCI 232. ECON majors are not required to take ACCT 203 and 204.

- The business and accounting programs offered by the School of Business are accredited by The Association to Advance Collegiate Schools of Business (AACSB).
- Students are not permitted to double major in Business Administration and Marketing.
- Students are not permitted to double major in Business Administration and Finance.

## Chemistry (B.A.) Major Requirements

Degree: Bachelor of Arts

Credit Hours: 40+

"PR" indicates a pre-requisite. "CO" indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult <http://registrar.cofc.edu/general-edu> for more information.

### Required Courses

CHEM 111	Principles of Chemistry (3) PR: MATH 111 or equivalent; CO: CHEM 111L
CHEM 111L	Principles of Chemistry Lab (1) CO: CHEM 111
CHEM 112	Principles of Chemistry (3) PR: CHEM 111, CHEM 111L or HONS 153, HONS 153L; CO: CHEM 112L
CHEM 112L	Principles of Chemistry Lab (1) CO: CHEM 112
CHEM 221	Quantitative Analysis (4) PR: CHEM 112, CHEM 112L or HONS 154, HONS 154L; CO: CHEM 221L
CHEM 221L	Quantitative Analysis Laboratory (0) CO: CHEM 221
CHEM 231	Organic Chemistry (3) PR: CHEM 112, CHEM 112L or HONS 154, HONS 154L; CO: CHEM 231L
CHEM 231L	Introduction to Organic Chemistry Laboratory Techniques (1) CO: CHEM 231
CHEM 232	Organic Chemistry (3) PR: CHEM 231, CHEM 231L; CO: CHEM 232L
CHEM 232L	Organic Synthesis and Analysis (1) CO: CHEM 232
CHEM 341	Physical Chemistry (3) PR: CHEM 221 and MATH 220 CO: CHEM 341L (MATH 221 is strongly recommended.)
CHEM 341L	Physical Chemistry Laboratory (1) CO: CHEM 341
CHEM 342	Physical Chemistry (3) PR: CHEM 341, CHEM 341L; CO: CHEM 342L
CHEM 342L	Physical Chemistry Laboratory (1) CO: CHEM 342
CHEM 492	Senior Seminar (1) PR: CHEM 341 and senior standing

### Additional Chemistry Elective: Select 3 credit hours from any 300-level or above CHEM course excluding CHEM 583.

CHEM 343	Introduction to Modeling in Chemistry (1) PR: CHEM 231, CHEM 231L
CHEM 351	Biochemistry (3) PR: CHEM 232, CHEM 232L
CHEM 352	Biochemistry II (3) PR: CHEM 351
CHEM 354	Biochemistry Laboratory (1) PR: CHEM 351
CHEM 371	Chemical Synthesis Character (3) PR: CHEM 221, CHEM 221L, CHEM 232, CHEM 232L
CHEM 381*	Internship (1, repeatable up to 4) PR: Junior or senior standing and at least a 2.50 GPA both overall and in major
CHEM 399*	Tutorial (3; repeatable up to 12) PR: Junior or senior standing and at least a 2.50 GPA both overall and in major
CHEM 481	Introductory Research (2) PR: Instructor permission
CHEM 482	Introductory Research II (2) PR: Instructor permission
CHEM 490	Chemistry and Biochemistry Seminar (1) PR: Junior or senior standing

CHEM 511	Advanced Inorganic Chemistry (3) <i>PR or CO: CHEM 341, CHEM 341L and CHEM 342, CHEM 342L</i>
CHEM 512L	Advanced Inorganic Chemistry Laboratory (1) <i>PR or CO: CHEM 511</i>
CHEM 521	Instrumental Analysis (4) <i>PR: CHEM 221, CHEM 221L; CO: CHEM 521L</i>
CHEM 521L	Instrumental Analysis (0)
CHEM 522	Environmental Chemistry (3) <i>PR: CHEM 221; CO: CHEM 522L</i>
CHEM 522L	Environmental Chemistry Laboratory (1) <i>CO: CHEM 522</i>
CHEM 526	Introduction to Nuclear and Radiochemistry (1) <i>PR: CHEM 221, CHEM 221L OR CHEM 231, CHEM 231L</i>
CHEM 528	Nuclear and Radiochemistry (3) <i>PR: CHEM 221, CHEM 231</i>
CHEM 531	Advanced Organic Chemistry (3) <i>PR: CHEM 232, CHEM 232L</i>

**Notes:** \*CHEM 381 is repeatable up to 4 credit hours earned. \*CHEM 399 is repeatable up to 12 credit hours earned.

### Math Requirement

MATH 120	Introductory Calculus (4) <i>PR: C- or better in MATH 111 or placement</i>
MATH 220	Calculus II (4) <i>PR: MATH 120 or HONS 115</i>

### Notes:

- *Honors students can take the alternative sequence of HONS 191/HONS 191L, HONS 192/HONS 192L, HONS 293/HONS 293L, and HONS 294/HONS 294L in lieu of CHEM 111/111L, CHEM 112/112L, CHEM 231/231L, and CHEM 232/232L.*
- *All junior and senior chemistry majors are strongly encouraged to attend the scheduled departmental seminars.*
- *Students who have completed PHYS 101 Introductory Physics I and PHYS 102 Introductory Physics II before declaring a chemistry major or biochemistry may satisfy this requirement by taking additional related courses. Please see the department chair for the list of courses.*
- *MATH 221 Calculus III is also strongly recommended.*
- *CHEM 481/482 Introductory Research is also recommended.*

### Chemistry Teacher Education Program (Grades 9-12)

Students interested in teacher certification in chemistry must complete both the chemistry major and the Secondary Education Cognate major requirements. See the School of Education, Health and Human Performance section of this catalog for a listing of the required secondary education cognate major courses. Students should apply for acceptance to this program no later than the second semester of their sophomore year. Requirements for this include admission to and successful completion of the approved teacher education program. Students must successfully complete all requirements for certification in secondary education.

When declaring teacher certification in Chemistry through the Program of Study Management System (POSM), students must first select "Declare or Add a Major" and then "Secondary Education Cognate" from the major list. Once this selection is made, a second menu box will appear with a list of the associated majors. Select the chemistry major and follow the on-screen instructions.

## Chemistry (B.S.) Major Requirements

Degree: Bachelor of Science

Credit Hours: 56+

"PR" indicates a pre-requisite. "CO" indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult <http://registrar.cofc.edu/general-edu> for more information.

### Required Courses

CHEM 111	Principles of Chemistry (3) <i>PR: MATH 111 or equivalent; CO: CHEM 111L</i>
CHEM 111L	Principles of Chemistry Lab (1) <i>CO: CHEM 111</i>
CHEM 112	Principles of Chemistry (3) <i>PR: CHEM 111, CHEM 111L or HONS 153, HONS 153L or HONS 191 or 191L; CO: CHEM 112L</i>
CHEM 112L	Principles of Chemistry Lab (1) <i>CO: CHEM 112</i>
CHEM 221	Quantitative Analysis (4) <i>PR: CHEM 112, CHEM 112L or HONS 154, HONS 154L or HONS 294, HONS 294L; CO: CHEM 221L</i>

CHEM 221L	Quantitative Analysis Laboratory (0) CO: CHEM 221
CHEM 231	Organic Chemistry (3) PR: CHEM 112, CHEM 112L or HONS 154, HONS 154L; CO: CHEM 231L
CHEM 231L	Introduction to Organic Chemistry Laboratory Techniques (1) CO: CHEM 231
CHEM 232	Organic Chemistry (3) PR: CHEM 231, CHEM 231L; CO: CHEM 232L
CHEM 232L	Organic Synthesis and Analysis (1) CO: CHEM 232
CHEM 341	Physical Chemistry (3) PR: CHEM 221 and MATH 220; CO: CHEM 341L (MATH 221 is strongly recommended.)
CHEM 341L	Physical Chemistry Laboratory (1) CO: CHEM 341
CHEM 342	Physical Chemistry (3) PR: CHEM 341, CHEM 341L; CO: CHEM 342L
CHEM 342L	Physical Chemistry Laboratory (1) CO: CHEM 342
CHEM 351	Biochemistry (3) PR: CHEM 232, CHEM 232L
CHEM 371	Chemical Synthesis Character (3) PR: CHEM 221, CHEM 221L, CHEM 232, CHEM 232L
CHEM 371L	Chemical Synthesis and Characterization Laboratory (0) CO: CHEM 371
CHEM 490	Chemistry and Biochemistry Seminar (1) PR: Junior or senior standing
CHEM 492	Senior Seminar (1) PR: CHEM 341 and senior standing
CHEM 511	Advanced Inorganic Chemistry (3) PR or CO: CHEM 341, CHEM 341L and CHEM 342, CHEM 342L
CHEM 512L	Advanced Inorganic Chemistry Laboratory (1) PR or CO: CHEM 511
CHEM 521	Instrumental Analysis (4) PR: CHEM 221, CHEM 221L; CO: CHEM 521L
CHEM 521L	Instrumental Analysis (0) CO: CHEM 521

### Physics Requirement

PHYS 111	General Physics (3) PR: MATH 120 or equivalent or instructor permission; CO: PHYS 111L
PHYS 111L	General Physics Lab (1) CO: PHYS 111 or instructor permission
PHYS 112	General Physics II (3) PR: PHYS 111 and 111L; PR or CO: MATH 220 or equivalent or instructor permission; CO: PHYS 112L
PHYS 112L	General Physics II Lab (1) CO: PHYS 112 or instructor permission

### Math Requirement

MATH 120	Introductory Calculus (4) PR: C- or better in MATH 111 or placement
MATH 220	Calculus II (4) PR: MATH 120 or HONS 115

### Notes:

- Honors students can take the alternative sequence of HONS 191/HONS 191L, HONS 192/HONS 192L, HONS 293/HONS 293L, and HONS 294/HONS 294L in lieu of CHEM 111/111L, CHEM 112/112L, CHEM 231/231L, and CHEM 232/232L. Please note in this case CHEM 221 cannot be taken until HONS 294/HONS 294L is complete.
- All junior and senior chemistry majors are strongly encouraged to attend the scheduled departmental seminars.
- Students who have completed PHYS 101 Introductory Physics I and PHYS 102 Introductory Physics II before declaring a chemistry major or biochemistry may satisfy this requirement by taking additional related courses. Please see the department chair for the list of courses.
- Computer Programming I (CSCI 220 and 220L) is strongly recommended.
- MATH 221 Calculus III is also strongly recommended.
- CHEM 481/482 Introductory Research is also recommended.

# Classics (A.B.) Major Requirements

Degree: Artium Baccalaureatus

Credit Hours: 30+

"PR" indicates a pre-requisite. "CO" indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult <http://registrar.cofc.edu/general-edu> for more information.

## Required Courses

**Greek and Latin Requirement: Complete either the Greek Option or the Latin Option below:**

### Greek Option:

GREK 201 Intermediate Ancient Greek (3) PR: GREK 101; GREK 102

GREK 202 Attic Greek (3) PR: GREK 201

### Two courses selected from:

GREK 321 Greek Oratory (3) PR: GREK 202

GREK 323 Greek Historiography (3) PR: GREK 202

GREK 324 Greek Comedy (3) PR: GREK 202

GREK 325 Greek Tragedy (3) PR: GREK 202

GREK 326 Plato (3) PR: GREK 202

GREK 372 Readings in Greek Literature: Prose (3) PR: GREK 202

GREK 390 Special Topics (3) PR: GREK 202

### Two courses selected from:

LATN 201 Intermediate Latin (3) PR: LATN 101 and 102 or 105 or placement

LATN 202 Intermediate Latin (3) PR: LATN 201 or placement

LATN 250 Intensive Intermediate Latin (6) PR: LATN 101 and 102 or 105 with a grade of "C+" or better or placement via placement exam.

LATN 301 Introduction to Latin Literature (3) PR: LATN 202

LATN 321 Cicero (3) PR: LATN 301 or instructor permission

LATN 322 Vergil (3) PR: LATN 301 or instructor permission

LATN 323 Roman Historiography (3) PR: LATN 301 or instructor permission

LATN 371 Roman Comedy (3) PR: LATN 301 or instructor permission

LATN 372 Roman Satire (3) PR: LATN 301 or instructor permission

LATN 373 Roman Biography (3) PR: LATN 301 or instructor permission

LATN 390 Special Topics (3) PR: LATN 301 or instructor permission

LATN 490 Seminar: Special Topics in Latin (3) PR: Instructor permission

LATN 496\* Directed Readings (1-3) PR: Instructor permission

**Note:** \*LATN 496 credit hours assigned will be determined by the nature and extent of the reading.

## OR

### Latin Option:

LATN 201 Intermediate Latin (3) PR: LATN 101; LATN 102

LATN 202 Intermediate Latin (3) PR: LATN 201

### Two courses selected from:

LATN 301 Introduction to Latin Literature (3) PR: LATN 202

LATN 321 Cicero (3) PR: LATN 301 or instructor permission

LATN 322 Vergil (3) PR: LATN 301 or instructor permission

LATN 323 Roman Historiography (3) PR: LATN 301 or instructor permission

LATN 371 Roman Comedy (3) PR: LATN 301 or instructor permission

LATN 372 Roman Satire (3) PR: LATN 301 or instructor permission

LATN 373 Roman Biography (3) PR: LATN 301 or instructor permission

LATN 390 Special Topics (3) PR: LATN 301 or instructor permission



**Two courses selected from:**

GREK 201	Intermediate Ancient Greek (3) <i>PR: GREK 101; GREK 102</i>
GREK 202	Attic Greek (3) <i>PR: GREK 201</i>
GREK 321	Greek Oratory (3) <i>PR: GREK 202</i>
GREK 323	Greek Historiography (3) <i>PR: GREK 202</i>
GREK 324	Greek Comedy (3) <i>PR: GREK 202</i>
GREK 325	Greek Tragedy (3) <i>PR: GREK 202</i>
GREK 326	Plato (3) <i>PR: GREK 202</i>
GREK 372	Readings in Greek Literature: Prose (3) <i>PR: GREK 202</i>
GREK 390	Special Topics (3) <i>PR: GREK 202</i>
GREK 490	Seminar: Special Topics in Ancient Greek (3) <i>PR: Instructor permission</i>
GREK 496*	Directed Reading (1-3) <i>PR: Instructor permission</i>

**Note:** \*GREK 496 credit hours assigned will be determined by the nature and extent of the reading.

**Classics Capstone**

CLAS 401	Research Seminar in Classics (3) <i>PR: Junior/Senior standing; Classics program director and instructor permission.</i>
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**Major Electives Requirement: Select 9 credit hours from the following:**

ARTH 220	Greek and Roman Art (3) <i>PR: None</i>
CLAS 101	Greek Civilization (3) <i>PR: None</i>
CLAS 102	Roman Civilization (3) <i>PR: None</i>
CLAS 103	Classical Mythology (3) <i>PR: None</i>
CLAS 104	Introduction to Classical Archaeology (3) <i>PR: None</i>
CLAS 105	History of the Classical World (3) <i>PR: None</i>
CLAS 121*	Classical Greece (Travel Course) (3) <i>PR: None</i>
CLAS 122*	Bronze Age Greece (Travel Course) (3) <i>PR: None</i>
CLAS 221	Field Methods in Classical Archaeology I (3) <i>PR: None</i>
CLAS 222	Field Methods in Classical Archaeology II (3) <i>PR: None</i>
CLAS 242	Images of Women in Classical Antiquity (3) <i>PR: None</i>
CLAS 253	Ancient Epic (3) <i>PR: None</i>
CLAS 254	Classical Drama: Tragedy (3) <i>PR: None</i>
CLAS 255	Classical Drama: Comedy (3) <i>PR: None</i>
CLAS 256	Satire (3) <i>PR: None</i>
CLAS 270	The Romans in Cinema (3) <i>PR: None</i>
CLAS 203	Special Topics (3) <i>PR: None</i>
CLAS 301	Topics in Greek Literature (3) <i>PR: Three credit hours in a CLAS 100-200 level course</i>
CLAS 302	Topics in Latin Literature (3) <i>PR: Three credit hours in a CLAS 100-200 level course</i>
CLAS 303	Topics in Classical Civilization (3) <i>PR: Three credit hours in a CLAS 100-200 level course</i>
GREK 321	Greek Oratory (3) <i>PR: GREK 202</i>
GREK 323	Greek Historiography (3) <i>PR: GREK 202</i>
GREK 324	Greek Comedy (3) <i>PR: GREK 202</i>
GREK 325	Greek Tragedy (3) <i>PR: GREK 202</i>
GREK 326	Plato (3) <i>PR: GREK 202</i>
GREK 372	Readings in Greek Literature: Prose (3) <i>PR: GREK 202</i>
GREK 390	Special Topics (3) <i>PR: GREK 202</i>
HIST 230	Ancient Egypt and Mesopotamia (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>)</i>
HIST 231	Ancient Greece (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>)</i>
HIST 232	Ancient Rome (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>)</i>
LATN 301	Introduction to Latin Literature (3) <i>PR: LATN 202</i>
LATN 321	Cicero (3) <i>PR: LATN 301 or instructor permission</i>

LATN 322	Vergil (3) PR: <i>LATN 301 or instructor permission</i>
LATN 323	Roman Historiography (3) PR: <i>LATN 301 or instructor permission</i>
LATN 371	Roman Comedy (3) PR: <i>LATN 301 or instructor permission</i>
LATN 372	Roman Satire (3) PR: <i>LATN 301 or instructor permission</i>
LATN 373	Roman Biography (3) PR: <i>LATN 301 or instructor permission</i>
LATN 390	Special Topics (3) PR: <i>PR: LATN 301 or instructor permission</i>
LING 385	Teaching Latin in Elementary & Middle Schools (3) PR: <i>None</i>
GREK 496**	Directed Reading (1-3) PR: <i>Instructor permission</i>
PHIL 201	History of Ancient Philosophy (3) PR: <i>3 credit hours in PHIL or instructor permission</i>

**Note:** *CLAS 121 and CLAS 122 are travel courses. Students must be able to walk moderately difficult trails. \*\*GREK 496 credit hours assigned will be determined by the nature and extent of the reading. Special topic courses in ARTH, CLAS, HIST, PHIL, and RELS will meet requirement when the content focuses on Classics.*

## Classics (B.A.) Major Requirements

Degree: Bachelor of Arts

Credit Hours: 30+

"PR" indicates a pre-requisite. "CO" indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult <http://registrar.cofc.edu/general-edu> for more information.

### Required Courses

**Courses must be chosen from at least two different disciplines (CLAS, GREK, LATN, HIST, PHIL or ARTH, etc.).**

#### One course selected from:

CLAS 101	Greek Civilization (3) PR: <i>None</i>
HIST 231	Ancient Greece (3) PR: <i>One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>)</i>

#### One course selected from:

CLAS 102	Roman Civilization (3) PR: <i>None</i>
HIST 232	Ancient Rome (3) PR: <i>One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>)</i>

**Two 300-level courses totaling 6 credit hours selected from the list of Approved Classics Courses (see list below).**

### Classics Capstone

CLAS 401	Research Seminar in Classics (3) PR: <i>Junior/Senior standing; Classics program director and instructor permission.</i>
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**Select an additional 15 credit hours from the list of Approved Classics Courses with no more than 6 credit hours at the 100-level.**

### Approved Classics Courses:

ARTH 220	Greek and Roman Art (3) PR: <i>None</i>
CLAS 101	Greek Civilization (3) PR: <i>None</i>
CLAS 102	Roman Civilization (3) PR: <i>None</i>
CLAS 103	Classical Mythology (3) PR: <i>None</i>
CLAS 104	Introduction to Classical Archaeology (3) PR: <i>None</i>
CLAS 105	History of the Classical World (3) PR: <i>None</i>
CLAS 121*	Classical Greece (3) PR: <i>None</i>
CLAS 122*	Bronze Age Greece (3) PR: <i>None</i>
CLAS 221	Field Methods in Classical Archaeology I (3) PR: <i>None</i>
CLAS 222	Field Methods in Classical Archaeology II (3) PR: <i>None</i>
CLAS 242	Images of Women in Classical Antiquity (3) PR: <i>None</i>
CLAS 253	Ancient Epic (3) PR: <i>None</i>
CLAS 254	Classical Drama: Tragedy (3) PR: <i>None</i>

CLAS 255	Classical Drama: Comedy (3) <i>PR: None</i>
CLAS 256	Satire (3) <i>PR: None</i>
CLAS 270	The Romans in Cinema (3) <i>PR: None</i>
CLAS 203	Special Topics (3) <i>PR: None</i>
CLAS 301	Topics in Greek Literature (3) <i>PR: Three credit hours in a CLAS 100-200 level course</i>
CLAS 302	Topics in Latin Literature (3) <i>PR: Three credit hours in a CLAS 100-200 level course</i>
CLAS 303	Topics in Classical Civilization (3) <i>PR: Three credit hours in a CLAS 100-200 level course</i>
GREK 321	Greek Oratory (3) <i>PR: GREK 202</i>
GREK 323	Greek Historiography (3) <i>PR: GREK 202</i>
GREK 324	Greek Comedy (3) <i>PR: GREK 202</i>
GREK 325	Greek Tragedy (3) <i>PR: GREK 202</i>
GREK 326	Plato (3) <i>PR: GREK 202</i>
GREK 372	Readings in Greek Literature: Prose (3) <i>PR: GREK 202</i>
GREK 390	Special Topics (3) <i>PR: GREK 202</i>
GREK 490	Seminar: Special Topics in Ancient Greek (3) <i>PR: Instructor permission</i>
GREK 496**	Directed Reading (1-3) <i>PR: Instructor permission</i>
HIST 230	Ancient Egypt and Mesopotamia (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>)</i>
HIST 231	Ancient Greece (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>)</i>
HIST 232	Ancient Rome (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>)</i>
LATN 301	Introduction to Latin Literature (3) <i>PR: LATN 202</i>
LATN 321	Cicero (3) <i>PR: LATN 301 or instructor permission</i>
LATN 322	Vergil (3) <i>PR: LATN 301 or instructor permission</i>
LATN 323	Roman Historiography (3) <i>PR: LATN 301 or instructor permission</i>
LATN 371	Roman Comedy (3) <i>PR: LATN 301 or instructor permission</i>
LATN 372	Roman Satire (3) <i>PR: LATN 301 or instructor permission</i>
LATN 373	Roman Biography (3) <i>PR: LATN 301 or instructor permission</i>
LATN 390	Special Topics (3) <i>PR: LATN 301 or instructor permission</i>
LATN 490	Seminar: Special Topics in Latin (3) <i>PR: Instructor permission</i>
LATN 496**	Directed Readings (1-3) <i>PR: Instructor permission</i>
LING 385	Teaching Latin in Elem. & Middle Schools (3) <i>PR: None</i>
PHIL 201	History of Ancient Philosophy (3) <i>PR: 3 credit hours in PHIL or instructor permission</i>

**Note:** \*CLAS 121 and CLAS 122 are travel courses. Students must be able to walk moderately difficult trails. \*\*GREK 496 and \*LATN 496 credit hours assigned will be determined by the nature and extent of the reading. Special topic courses in ARTH, CLAS, HIST, PHIL, and RELS will meet this requirement when the content focuses on Classics.

**Notes:**

- If the student has completed the equivalent of 202 in Greek or Latin, then credits earned in the other Classical language at the elementary and intermediate level (100-level and 200-level courses) will count toward the BA in Classics.

**Classics Teacher Education Program (Grades PK-12)**

Students interested in teacher certification in foreign language must complete both the Classics major (for Latin certification) and the Foreign Language Education major requirements. See the School of Education, Health and Human Performance section of this catalog for a listing of the required foreign language education major courses.

After declaration of a major in Classics, students interested in teacher certification in foreign language must meet with the director of certification and clinical practice, School of Education, Health, and Human Performance, 843-953-5613. Students must take EDFS 201 during their sophomore year and apply for acceptance into this program no later than the second semester of their sophomore year. In addition to meeting with an assigned advisor in Classics, candidates in all languages must meet with Dr. Shawn Morrison, 404 J.C. Long Building, [morrisonsh@cofc.edu](mailto:morrisonsh@cofc.edu), for additional information as soon as possible. Requirements include:

- admission to and successful completion of the approved Teacher Education Program
- passing score on the Praxis II Principles of Learning and Teaching Test

- and the successful completion of the content major in Classics, with its specific course requirements and GPA requirements (see below).

In order to be admitted to the Clinical Internship (EDFS 460), candidates must have met the following requirements:

- Completion of all Classics course requirements for the Classics major in Education.
- 2.50 GPA in Classics courses
- 3.00 GPA in EDFs courses
- 2.50 overall GPA

When declaring teacher certification in Classics through the Program of Study Management System (POSM), students must first select "Declare or Add a Major" and then "Secondary Education Cognate" from the major list. Once this selection is made, a second menu box will appear with a list of the associated majors. Select the Classics major and follow the on-screen instructions.

### Classics Education Major Requirements for Teacher Certification

Credit Hours: 30+

#### Required Courses

##### One course selected from:

- CLAS 101 Greek Civilization (3) *PR: None*  
 HIST 231 Ancient Greece (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>)*

##### One course selected from:

- CLAS 102 Roman Civilization (3) *PR: None*  
 HIST 232 Ancient Rome (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>)*

#### Complete 12 credit hours of Latin Language (LATN) 300-level courses:

- LATN 301 Introduction to Latin Literature (3) *PR: LATN 202*  
 LATN 305 Medieval Latin (3) *PR: LATN 301*  
 LATN 321 Cicero (3) *PR: LATN 301 or instructor permission*  
 LATN 322 Vergil (3) *PR: LATN 301 or instructor permission*  
 LATN 323 Roman Historiography (3) *PR: LATN 301 or instructor permission*  
 LATN 371 Roman Comedy (3) *PR: LATN 301 or instructor permission*  
 LATN 372 Roman Satire (3) *PR: LATN 301 or instructor permission*  
 LATN 373 Roman Biography (3) *PR: LATN 301 or instructor permission*  
 LATN 390 Special Topics (3) *PR: LATN 301 or instructor permission*

Select an additional 9 credit hours from the list of Approved Classics Courses (see list in major requirements).

#### Classics Capstone

- CLAS 401 Research Seminar in Classics (3) *PR: Junior/Senior standing; Classics program director and instructor permission.*

## Communication Major Requirements

Degree: Bachelor of Arts

Credit Hours: 36+

"PR" indicates a pre-requisite. "CO" indicates a co-requisite

Courses within this major may also satisfy general education requirements. Please consult <http://registrar.cofc.edu/general-edu> for more information.

#### Required Courses

- COMM 214 Media in the Digital Age (4) *PR: None; CO: COMM 214D*  
 COMM 214D Media in the Digital Age Discussion (0) *PR: None; CO: COMM 214*  
 COMM 215 Communication, Identity and Community (4) *PR: None*

- COMM 280 Introduction to Communication Messages (3) *PR: None. COMM 280 and COMM 281 is a year-long course. Students will be automatically enrolled in the second section of the course during the registration period. The course will be scheduled on the same day and times with the same professor for both courses. Students who do not receive a grade of C- or better in the first half of the course will be dropped from the continuing section after final grades are posted.*
- COMM 281 Introduction to Communication Messages (3) *PR: COMM 280. COMM 280 and COMM 281 is a year-long course. Students will be automatically enrolled in the second section of the course during the registration period. The course will be scheduled on the same day and times with the same professor for both courses. Students who do not receive a grade of C- or better in the first half of the course will be dropped from the continuing section after final grades are posted.*
- COMM 301 Communication Research Methods (3) *PR: COMM 104 or 280; COMM 214 or 215; MATH 104 or MATH 250; or department chair permission. A grade of C- or better must be earned for all prerequisite courses.*
- COMM 310 Message Design and Influence (3) *PR: COMM 104 or 280; COMM 214 or COMM 215; CSCI 112 or higher; or department chair permission. PR or CO: COMM 281. A grade of C- or better must be earned for all prerequisite courses.*
- COMM 315 Ethical Communication (3) *PR: COMM 104 or COMM 280; COMM 214 or COMM 215; or department chair permission A grade of C- or better must be earned for all prerequisite courses.*
- COMM 336 Addressing Problems in Context (3) *PR: COMM 104 or COMM 280; COMM 214 or COMM 215; or department chair permission. A grade of C- or better must be earned for all prerequisite courses.*
- OR**
- COMM 389 Public Opinion in American Politics (3) *PR: POLI 101 or COMM 214; or department chair permission*
- OR**
- COMM 394 Political Campaign Communication (3) *PR: POLI 101 or COMM 214; or department chair permission*
- OR**
- COMM 395 American Politics and Mass Media (3) *PR: POLI 101 or COMM 214; or department chair permission*
- COMM 410 Analysis of Communication Practice (4) *PR: COMM 280; COMM 281; COMM 214; COMM 215; COMM 301; COMM 310; or department chair permission. A grade of C- or better must be earned for all prerequisite courses.*
- COMM 480 Capstone in Communication (6) *PR: COMM 280; COMM 281; COMM 214; COMM 215; COMM 301; and COMM 310; or department chair permission. COMM 480 and 481 are year-long, sequenced courses scheduled across two academic terms. A grade of C- or better must be earned for all prerequisite courses.*
- AND**
- COMM 481 Capstone in Communication (6) *PR: COMM 280; COMM 281; COMM 214; COMM 215; COMM 301; COMM 310; COMM 410; and COMM 480; or department chair permission. COMM 480 and 481 are year-long, sequenced courses scheduled across two academic terms. A grade of C- or better must be earned for all prerequisite courses.*
- OR**
- COMM 499 Bachelor's Essay (6) *PR: Senior standing; 3.25 GPA in the communication major; and departmental honors committee approval.*

**Notes:**

- A grade of C- or better must be earned in any course used to fulfill a major or minor requirement in the Department of Communication

## Computer Information Systems Major Requirements

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Degree: Bachelor of Science

Credit Hours: 61+

"PR" indicates a pre-requisite. "CO" indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult <http://registrar.cofc.edu/general-edu> for more information.

**Required Courses**

CSCI 115 Website Design (3) *PR: None*

CSCI 215	Website Programming (3) <i>PR: None</i>
CSCI 220	Computer Programming I (3) <i>PR: CSCI 120 or CSCI 180 or CSCI 210 or MATH 111 CO: CSCI 220L</i>
CSCI 220L	Computer Programming I Lab (1) <i>CO: CSCI 220</i>
CSCI 221	Computer Programming II (3) <i>PR: CSCI 220, CSCI 220L; CO or PR: MATH 207</i>
CSCI 315	Server-Side Web Programming (3) <i>PR: CSCI 215, CSCI 221</i>
CSCI 332	Database Concepts (3) <i>PR: CSCI 221, MATH 207</i>
CSCI 380	User Interface Development (3) <i>PR: CSCI 221, MATH 207, or instructor permission</i>
CSCI 392	Seminar on Computing and Society (3) <i>PR: CSCI 221</i>
CSCI 459	Service-Oriented Computing (3) <i>PR: CSCI 221; CSCI 230 or CSCI 315</i>

**Data Science Requirement**

DATA 210	Dataset Organization and Management (3) <i>PR: None</i>
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**Math Requirement**

MATH 120	Introductory Calculus (4) <i>PR: C- or better in MATH 111 or placement</i>
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**OR**

MATH 105	Calculus for Business and Social Sciences (3) <i>PR: MATH 101 or placement</i>
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**AND**

MATH 207	Discrete Structures I (3) <i>PR: MATH 105, MATH 111, or MATH 120</i>
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**AND**

MATH 250	Statistical Methods (3) <i>PR: MATH 111 or MATH 120 or instructor permission</i>
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**OR**

MATH 104	Elementary Statistics (3) <i>PR: MATH 101 or placement</i>
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**Communication Requirement**

COMM 104	Public Speaking (3) <i>PR: None</i>
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**Business Requirement**

ACCT 203	Financial Accounting (3) <i>PR: Sophomore standing</i>
ACCT 204	Managerial Accounting (3) <i>PR: ACCT 203, sophomore standing</i>
DSCI 232	Business Statistics (3) <i>PR: MATH 104 or MATH 250</i>
ENTR 320	Principles of Entrepreneurship (3) <i>PR: Junior standing</i>
ENTR 321	New Venture Planning (3) <i>PR: ACCT 203, MGMT 301, ENTR 320</i>
MGMT 301	Management and Organizational Behavior (3) <i>PR: Junior standing</i>

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## Computer Science (B.A.) Major Requirements

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Degree: Bachelor of Arts

Credit Hours: 47+

*"PR"* indicates a pre-requisite. *"CO"* indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult <http://registrar.cofc.edu/general-edu> for more information.

**Required Courses**

CSCI 220	Computer Programming I (3) <i>PR: CSCI 120 or CSCI 180 or CSCI 210 or MATH 111 CO: CSCI 220L</i>
CSCI 220L	Computer Programming I Lab (1) <i>CO: CSCI 220</i>
CSCI 221	Computer Programming II (3) <i>PR: CSCI 220, CSCI 220L; CO or PR: MATH 207</i>
CSCI 230	Data Structure and Algorithms (3) <i>PR: CSCI 221, MATH 207</i>
CSCI 250	Introduction to Computer Organization and Assembly Language Programming (3) <i>PR: CSCI 220 and CSCI 220L; CO or PR: MATH 207</i>
CSCI 320	Programming Language Concepts (3) <i>PR: CSCI 221, MATH 207</i>
CSCI 340	Operating Systems (3) <i>PR: CSCI, 230, CSCI 250, MATH 207</i>
CSCI 360	Software Architecture and Design (3) <i>PR: CSCI 230, MATH 207; CO: COMM 104</i>
CSCI 462	Software Engineering Practicum (3) <i>PR: CSCI 230, CSCI 360 or CSCI 362; COMM 104</i>

**Elective Requirements: 9 credit hours from the following:**

CSCI 310	Advanced Algorithms (3) <i>PR: CSCI 230, MATH 207</i>
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CSCI 315	Service-Side Web Programming (3) <i>PR: CSCI 215, CSCI 221</i>
CSCI 325	Functional and Logic Programming (3) <i>PR: CSCI 221, MATH 207</i>
CSCI 332	Database Concepts (3) <i>PR: CSCI 221, MATH 207</i>
CSCI 334	Data Mining (3) <i>PR: CSCI 221, MATH 207, MATH 250</i>
CSCI 350	Digital Logic and Computer Organization (3) <i>PR: CSCI 250; PR or CO: MATH 307</i>
CSCI 362	Software Engineering (3) <i>PR: CSCI 221, MATH 207; CO: COMM 104</i>
CSCI 380	User Interface Development (3) <i>PR: CSCI 221, MATH 207, or instructor permission</i>
CSCI 392	Seminar on Computing and Society (3) <i>PR: CSCI 221</i>
CSCI 397	Research Experience in Computer Science (0) <i>PR: Declared CSCI majors only, instructor permission, department chair permission</i>
CSCI 399	Tutorial (3, Repeatable up to 12) <i>PR: Junior standing, tutor permission, department chair permission</i>
CSCI 410	Automata and Formal Language (3) <i>PR: MATH 207</i>
CSCI 420	Principles of Compiler Design (3) <i>PR: CSCI 230, CSCI 320, MATH 307</i>
CSCI 432	Concepts of Database Implementation (3) <i>PR: CSCI 332, MATH 307</i>
CSCI 440	Computer Networks (3) <i>PR: CSCI 340, MATH 250, MATH 307</i>
CSCI 450	Architecture of Advanced Computer Systems (3) <i>PR: CSCI 340 or CSCI 350</i>
CSCI 459	Service-Oriented Programming (3) <i>PR: CSCI 221; CSCI 230 or CSCI 315</i>
CSCI 470	Principles of Artificial Intelligence (3) <i>PR: CSCI 230, MATH 307</i>
CSCI 480	Principles of Computer Graphics (3) <i>PR: CSCI 230, MATH 220, MATH 307</i>
CSCI 490	Special Topics (3) <i>PR: Instructor permission</i>
CSCI 499	Bachelor's Essay (6) <i>PR: A project proposal must be submitted in writing and approved by the department prior to registration for the course.</i>

### Math Requirement

MATH 120	Introductory Calculus (4) <i>PR: C- or better in MATH 111 or placement</i>
MATH 207	Discrete Structures I (3) <i>PR: MATH 105, MATH 111, or MATH 120</i>
MATH 307	Discrete Structures II (3) <i>PR: MATH 207 or MATH 295 or instructor permission</i>

### Communication Requirement

COMM 104	Public Speaking (3) <i>PR: None</i>
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## Computer Science (B.S.) Major Requirements

Degree: Bachelor of Science

Credit Hours: 76+

"PR" indicates a pre-requisite. "CO" indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult <http://registrar.cofc.edu/general-edu> for more information.

### Required Courses

CSCI 220	Computer Programming I (3) <i>PR: CSCI 120 or CSCI 180 or CSCI 210 or MATH 111 CO: CSCI 220L</i>
CSCI 220L	Computer Programming I Lab (1) <i>CO: CSCI 220</i>
CSCI 221	Computer Programming II (3) <i>PR: CSCI 220, CSCI 220L; CO or PR: MATH 207</i>
CSCI 230	Data Structure and Algorithms (3) <i>PR: CSCI 221, MATH 207</i>
CSCI 250	Introduction to Computer Organization and Assembly Language Programming (3) <i>PR: CSCI 220 and CSCI 220L; CO or PR: MATH 207</i>
CSCI 320	Programming Language Concepts (3) <i>PR: CSCI 221, MATH 207</i>
CSCI 340	Operating Systems (3) <i>PR: CSCI, 230, CSCI 250, MATH 207</i>
CSCI 350	Digital Logic and Computer Organization (3) <i>PR: CSCI 250; PR or CO: MATH 307</i>
CSCI 360	Software Architecture and Design (3) <i>PR: CSCI 230, MATH 207; CO: COMM 104</i>
CSCI 362	Software Engineering (3) <i>PR: CSCI 221, MATH 207; CO: COMM 104</i>
CSCI 392	Seminar on Computing and Society (3) <i>PR: CSCI 221</i>
CSCI 462	Software Engineering Practicum (3) <i>PR: CSCI 230, CSCI 360 or CSCI 362; COMM 104</i>

**Elective Requirements: 9 credit hours from the following:**

CSCI 310	Advanced Algorithms (3) <i>PR: CSCI 230, MATH 207</i>
CSCI 315	Service-Side Web Programming (3) <i>PR: CSCI 215, CSCI 221</i>
CSCI 325	Functional and Logic Programming (3) <i>PR: CSCI 221, MATH 207</i>
CSCI 332	Database Concepts (3) <i>PR: CSCI 221, MATH 207</i>
CSCI 334	Data Mining (3) <i>PR: CSCI 221, MATH 207, MATH 250</i>
CSCI 380	User Interface Development (3) <i>PR: CSCI 221, MATH 207, or instructor permission</i>
CSCI 397	Research Experience in Computer Science (0) <i>PR: Declared CSCI Majors only, instructor permission, department chair permission</i>
CSCI 399	Tutorial (3, Repeatable up to 12) <i>PR: Junior standing, tutor permission, department chair permission</i>
CSCI 410	Automata and Formal Language (3) <i>PR: MATH 207</i>
CSCI 420	Principles of Compiler Design (3) <i>PR: CSCI 230, CSCI 320, MATH 307</i>
CSCI 432	Concepts of Database Implementation (3) <i>PR: CSCI 332, MATH 307</i>
CSCI 440	Computer Networks (3) <i>PR: CSCI 340, MATH 250, MATH 307</i>
CSCI 450	Architecture of Advanced Computer Systems (3) <i>PR: CSCI 340 or CSCI 350</i>
CSCI 459	Service-Oriented Programming (3) <i>PR: CSCI 221; CSCI 230 or CSCI 315</i>
CSCI 470	Principles of Artificial Intelligence (3) <i>PR: CSCI 230, MATH 307</i>
CSCI 480	Principles of Computer Graphics (3) <i>PR: CSCI 230, MATH 220, MATH 307</i>
CSCI 490	Special Topics (3) <i>PR: Instructor permission</i>
CSCI 499	Bachelor's Essay (6) <i>PR: A project proposal must be submitted in writing and approved by the department prior to registration for the course.</i>

**Math Requirement**

MATH 120	Introductory Calculus (4) <i>PR: C- or better in MATH 111 or placement</i>
MATH 207	Discrete Structures I (3) <i>PR: MATH 105, MATH 111, or MATH 120</i>
MATH 250	Statistical Methods (3) <i>PR: MATH 111 or MATH 120 or instructor permission</i>
MATH 307	Discrete Structures II (3) <i>PR: MATH 207 or MATH 295 or instructor permission</i>

**Select one additional math course from the following:**

MATH 220	Calculus II (4) <i>PR: MATH 120 or HONS 115</i>
MATH 203	Linear Algebra (3) <i>PR: MATH 220 or instructor permission</i>
MATH 245	Numerical Methods and Mathematical Computation (3) <i>PR: MATH 203, MATH 220, instructor permission; CO: MATH 246</i>
MATH 350	Statistical Methods II (3) <i>PR: MATH 120, MATH 250</i>
MATH 440	Statistical Learning I (3) <i>PR: MATH 203, MATH 220, MATH 350</i>

**Communication Requirement**

COMM 104	Public Speaking (3) <i>PR: None</i>
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**Science Requirement: Select 14 credit hours from the following:**

BIOL 111	Introduction to Cell and Molecular Biology (3) <i>PR: None; CO: BIOL 111L</i>
BIOL 111L	Introduction to Cell and Molecular Biology Lab (1) <i>CO: BIOL 111</i>
BIOL 112	Evolution, Form, and Function of Organisms (3) <i>PR: BIOL 111 and 111L; CO: BIOL 112L</i>
BIOL 112L	Evolution, Form, and Function of Organisms Lab (1) <i>CO: BIOL 112L</i>
CHEM 111	Principles of Chemistry (3) <i>PR or CO: unless students exempt MATH 111 (via diagnostic testing) or have completed this course as a pre-requisite, they are required to take MATH 111 as a co-requisite; CO: CHEM 111L</i>
CHEM 111L	Principles of Chemistry Lab (1) <i>CO: CHEM 111</i>
CHEM 112	Principles of Chemistry (3) <i>PR: CHEM 111 and 111L or HONS 153 and 153L; CO: CHEM 112L (MATH 120 strongly recommended)</i>
CHEM 112L	Principles of Chemistry Lab (1) <i>CO: CHEM 112</i>
GEOL 101	Dynamic Earth (3) <i>PR: None; CO: GEOL 101L</i>
GEOL 101L	Dynamic Earth Lab (1) <i>CO: GEOL 101</i>



GEOL 103	Environmental Geology (3) <i>PR: None; CO: GEOL 103L</i>
GEOL 103L	Environmental Geology Lab (1) <i>CO: GEOL 103</i>
GEOL 105	Earth History (3) <i>PR: GEOL 101 and 101L or GEOL 103 and 103L; CO: GEOL 105L</i>
GEOL 105L	Earth History Lab (1) <i>CO: GEOL 105</i>
PHYS 111	General Physics I (3) <i>PR or CO: MATH 120 or equivalent or instructor permission; CO: PHYS 111L</i>
PHYS 111L	General Physics I Lab (1) <i>CO: PHYS 111L or instructor permission</i>
PHYS 112	General Physics II (3) <i>PR: PHYS 111 and 111L or HONS 157 and 157L; PR or CO: MATH 220 or equivalent or instructor permission; CO: PHYS 112L</i>
PHYS 112L	General Physics II Lab (1) <i>CO: PHYS 112 or instructor permission</i>

## Computing in the Arts Major Requirements

Degree: Bachelor of Arts

Credit Hours: 50+

"*PR*" indicates a pre-requisite. "*CO*" indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult <http://registrar.cofc.edu/general-edu> for more information.

### Required Courses

#### Choose one of the following:

CITA 120 Building Virtual Worlds (cross-listed with CSCI 120) (3) *PR: None*

**OR**

CITA 180 Computers, Music, and Art (cross-listed with CSCI 180) (3) *PR: None*

#### Required CITA Courses

CITA 210 Game Programming (cross-listed with CSCI 210) (3) *PR: CSCI/CITA 120 or CSCI/CITA 180 or instructor permission*

CITA 295 Seminar (1) *PR: CSCI/CITA 210, CSCI 221, 9 hours in an art concentration*

CITA 495 Capstone Seminar (3) *PR: CITA 295*

#### Required CSCI Courses

CSCI 220 Computer Programming I (3) *PR: CSCI 120 or CSCI 180 or CSCI 210 or MATH 111 CO: CSCI 220L*

CSCI 220L Computer Programming I Lab (1) *CO: CSCI 220*

CSCI 221 Computer Programming II (3) *PR: CSCI 220, CSCI 220L; CO or PR: MATH 207*

#### CSCI Elective Requirement: Select 9 credit hours from the following:

CSCI 230 Data Structure and Algorithms (3) *PR: CSCI 221, MATH 207*

CSCI 250 Introduction to Computer Organization and Assembly Language Programming (3) *PR: CSCI 220 and CSCI 220L; CO or PR: MATH 207*

CSCI 320 Programming Language Concepts (3) *PR: CSCI 221, MATH 207*

CSCI 325 Functional and Logic Programming (3) *PR: CSCI 221, MATH 207*

CSCI 350 Digital Logic and Computer Organization (3) *PR: CSCI 250; PR or CO: MATH 307*

CSCI 360 Software Architecture and Design (3) *PR: CSCI 230, MATH 207; CO: COMM 104*

CSCI 380 User Interface Development (3) *PR: CSCI 221, MATH 207, or instructor permission*

CSCI 399 Tutorial (3, Repeatable up to 12) *PR: Junior standing, tutor permission, department chair permission*

CSCI 470 Principles of Artificial Intelligence (3) *PR: CSCI 230, MATH 307*

CSCI 480 Principles of Computer Graphics (3) *PR: CSCI 230, MATH 220, MATH 307*

CSCI 490 Special Topics (3) *PR: Instructor permission*

#### Math Requirement

MATH 105 Calculus for Business and Social Sciences (3) *PR: MATH 101 or placement*

**OR**

MATH 111 Pre-Calculus Mathematics (4) *PR: C- or better in MATH 101 or placement*

**AND**

MATH 207 Discrete Structures I (3) *PR: MATH 105, MATH 111, or MATH 120*

**Select a concentration area from the following (Art, Music or Theatre):**

## Art Concentration

ARTS 119 Drawing I (3) *PR: None*

ARTH 287 New Media in Contemporary Art (3) *PR: None*

**Elective Requirement: Select 12 credit hours from the following:**

ARTH 101 History of Art: Prehistoric Through Medieval (3) *PR: None*

ARTH 102 History of Art: Renaissance to Modern (3) *PR: None*

ARTH 104 Themes in the History of Art (3) *PR: None*

ARTH 293 Introduction to Film Art (3) *PR: None*

ARTS 215 Photography I (3) *PR: ARTS 119*

ARTS 216 Painting I (3) *PR: ARTS 119*

ARTS 218 Printmaking I (3) *PR: ARTS 119 or instructor permission*

ARTS 220 Sculpture I (3) *PR: None*

ARTH 306 Studies in Modern, Contemporary, and Film Arts (3) *PR: instructor permission or 6 hours of ARTH or ARTH 299*

ARTH 391 Contemporary Art (3) *PR: instructor permission or 6 hours of ARTH or ARTH 299*

ARTH 392 The Camera and Visual Perception (3) *PR: instructor permission or 6 hours of ARTH or ARTH 299*

ARTH 490 Independent Study in Art History (3) *PR: Junior or senior standing, declared ARTH major, overall GPA of at least 3.00 and ARTH major GPA of at least 3.30*

ARTS 315 Photography II (3) *PR: ARTS 215*

ARTS 319 Drawing II (3) *PR: ARTS 119*

ARTS 322 Painting II (3) *PR: ARTS 216*

ARTS 323 Printmaking II (3) *PR: ARTS 218 or instructor permission*

ARTS 324 Sculpture II (3) *PR: ARTS 119, ARTS 220, or instructor permission*

ARTS 326 Drawing III (3) *PR: ARTS 319 or instructor permission*

ARTS 327 Advanced Photographic Techniques (3) *PR: ARTS 215, ARTS 315, or instructor permission*

ARTS 328 Painting III (3) *PR: ARTS 322*

ARTS 330 Sculpture III (3) *PR: ARTS 324 or instructor permission*

ARTS 331 Painting IV (3) *PR: ARTS 328*

ARTS 332 Advanced Printmaking (3) *PR: ARTS 323 or ARTS 329 or instructor permission*

ARTS 333 Sculpture IV (3) *PR: ARTS 330 or instructor permission*

ARTS 334 Advanced Photography IV (3) *PR: ARTS 215, ARTS 315, or instructor permission*

ARTS 335 Selected Topics in Advanced Studio Practice (3) *PR: Vary according to topic*

ARTS 339 Drawing IV (3) *PR: ARTS 326 or instructor permission*

ARTS 430 Independent Study in Studio Art (3) *PR: Department chair approval*

## Music Concentration

MUSC 146 Fundamentals of Music (3) *PR: None*

MUSC 246 Music Theory I (3) *PR: Instructor permission*

**Elective Requirements: Select 12 credit hours from the following:**

MUSC 247 Music Theory II (3) *PR: MUSC 246, MUSC 238, or instructor permission*

MUSC 345 Jazz Theory (3) *PR: None*

MUSC 351 Seminar in Music Composition (3) *PR: MUSC 237*

MUSC 352 Seminar in Music Composition II (3) *PR: MUSC 351*

MUSC 381 Music History I (3) *PR: MUSC 247 or instructor permission*

MUSC 382 Music History II (3) *PR: MUSC 381 or instructor permission*

MUSC 399 Tutorial (3, Repeatable up to 12) *PR: Junior standing, tutor permission, department chair permission*

MUSC 460	Senior Independent Study in Music Theory or Composition (3 or 6) <i>PR: MUSC 352 or instructor permission; overall GPA of at least 2.75, department permission</i>
MUSC 481	Music Theory III (3) <i>PR: MUSC 247</i>
MUSC 482	Music Theory IV (3) <i>PR: MUSC 481</i>
MUSC 499	Bachelor's Essay (6) <i>PR: department permission</i>

## Theatre Concentration

THTR 276	Script Analysis (3) <i>PR: None</i>
THTR 277	Acting I: Basic Approach (3) <i>PR: None</i>
THTR 355	Playwriting I (3) <i>PR or CO: THTR 276</i>

### Select one course from the following:

THTR 240	Costume I: Introductory Studies (3) <i>PR: None</i>
THTR 209	Stagecraft I (3) <i>PR: None</i>

### Select one course from the following:

THTR 310	Theatre History and Literature to 1750 (3) <i>PR: Junior or senior standing</i>
THTR 311	Theatre History and Literature after 1750 (3) <i>PR: Junior or senior standing</i>

### Select one course from the following:

THTR 207	Drafting and Rendering for Theatre (3) <i>PR: THTR 209 or THTR 240</i>
THTR 221	Creative Drama I (3) <i>PR: None</i>
THTR 340	Costuming II: Pattern Drafting and Advanced Sewing Techniques (3) <i>PR: THTR 240</i>
THTR 350	Selected Topics in Communication Production (3) <i>PR: None</i>
THTR 455	Playwriting II (3) <i>PR: THTR 355</i>

## Dance Major Requirements

Degree: Bachelor of Arts

Credit Hours: 37+

"PR" indicates a pre-requisite. "CO" indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult <http://registrar.cofc.edu/general-edu> for more information.

### Required Courses

DANC 235	Jazz Dance Technique (3) <i>PR: Declared dance major</i>
THTR 209	Stagecraft I (3) <i>PR: None</i>

### OR

THTR 240	Costume I: Introductory Study (3) <i>PR: None</i>
DANC 331	History of Western Dance (3) <i>PR: None</i>
DANC 332	Dance Improvisation and Choreography (3) <i>PR: DANC 285 and DANC 237, or equivalent; declared dance major</i>
DANC 421	Applied Kinesiology for Dance (3) <i>PR: Declared dance major and sophomore standing</i>
DANC 441	Dance Capstone (3) <i>PR: Declared dance major and senior standing</i>

**Must have 6 credit hours from the following with a minimum of 4 credit hours earned at the 300 or 400-level. Only 14 credit hours from technique classes at the 300-level or below are counted towards graduation.**

DANC 285	Classical Ballet Technique I (2; not repeatable for additional credit) <i>PR: Declared dance major</i>
DANC 385	Classical Ballet Technique II (2; may be repeated once for credit) <i>PR: Grade of C+ or higher in DANC 285; declared dance major</i>

**Must have 6 credit hours from the following with a minimum of 4 credit hours earned at the 300 or 400-level. Only 14 credit hours from technique classes at the 300-level or below are counted towards graduation.**

DANC 237	Modern Dance Technique I (2; not repeatable for additional credit) <i>PR: Declared dance major</i>
DANC 337	Modern Dance Technique II (2; may be repeated once for credit) <i>PR: Grade of C+ or better in DANC 237; declared dance major</i>

**Students may complete the General Dance Studies requirements or select a concentration in Performance/Choreography to complete the major.**

**General Dance Studies (dance core plus 8 credit hours)**

**Select 2 credit hours in any combination from the following:**

- THTR 200      General Practicum (1, repeatable) *PR: None*  
 THTR 201      Production Practicum (1, repeatable) *PR: None*

**Select a minimum of 6 credit hours from any combination of the following courses:**

- DANC 289      Special Topics in Dance (2) *PR None*  
 DANC 290      Special Topics in Dance (1-3) *PR: None*  
 DANC 330      History of Non-Western Dance (3) *PR: None*  
 DANC 351      Dance Pedagogy and Practice (3) *PR: Declared dance major and junior or senior standing*  
 DANC 399      Tutorial in Dance (1-3) *PR: Junior or senior standing and instructor permission*  
 DANC 422      Body Conditioning and Somatics (2) *PR: Declared dance major*  
 DANC 442      Career Seminar in Dance (3) *PR: None*  
 DANC 450      Internship in Dance (1-3) *PR: Junior or senior declared dance major; instructor permission*  
 DANC 489      Advanced Special Topics in Dance (1-3) *PR: Instructor permission*  
 DANC 499      Bachelor's Essay (6) *PR: Declared dance major; instructor and department chair permission*

**Performance/Choreography Concentration (audition required; dance core plus 18 credit hours)**

- THTR 202      Performance Practicum (1) *PR: None*  
 THTR 202      Performance Practicum (1) *PR: None*  
 THTR 200      General Practicum (1) *PR: None*

**OR**

- THTR 201      Production Practicum (1) *PR: None*  
 DANC 333      Dance Choreography II (3) *PR: DANC 332 and instructor permission; declared dance major*

**Six credit hours of additional technique from a combination of:**

- DANC 437      Modern Dance Technique III (2; may be repeated once for credit) *PR: Declared dance major with Performance/Choreography Concentration; or instructor permission*  
 DANC 485      Classical Ballet Technique III (2; may be repeated once for credit) *PR: Declared dance major with Performance/Choreography Concentration; or instructor permission*

**Select a minimum of 6 credit hours from any combination of the following courses:**

- DANC 289      Special Topics in Dance (2) *PR None*  
 DANC 290      Special Topics in Dance (1-3) *PR: None*  
 DANC 330      History of Non-Western Dance (3) *PR: None*  
 DANC 351      Dance Pedagogy and Practice (3) *PR: Declared dance major and junior or senior standing*  
 DANC 399      Tutorial in Dance (1-3) *PR: Junior or senior standing and instructor permission*  
 DANC 422      Body Conditioning and Somatics (2) *PR: Declared dance major*  
 DANC 442      Career Seminar in Dance (3) *PR: None*  
 DANC 450      Internship in Dance (1-3) *PR: Junior or senior declared dance major; instructor permission*  
 DANC 489      Advanced Special Topics in Dance (1-3) *PR: Instructor permission*  
 DANC 499      Bachelor's Essay (6) *PR: Declared dance major; instructor and department chair permission*

# Data Science Major Requirements

Degree: Bachelor of Science

Credit Hours: 69+

"PR" indicates a pre-requisite. "CO" indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult <http://registrar.cofc.edu/general-edu> for more information.

## Required Courses

DATA 101	Introduction to Data Science (3) <i>PR: None</i>
DATA 210	Dataset Organization and Management (3) <i>PR: None</i>
DATA 495	Data Science Capstone (3) <i>PR: DATA 210, CSCI 470, and MATH 441</i>

## Math Requirement

MATH 120	Introductory Calculus (4) <i>PR: C- or better in MATH 111 or placement</i>
MATH 203	Linear Algebra (3) <i>PR: MATH 220 or instructor permission</i>
MATH 207	Discrete Structures I (3) <i>PR: MATH 105, MATH 111, or MATH 120</i>
MATH 220	Calculus II (4) <i>PR: MATH 120 or HONS 115</i>
MATH 250	Statistical Methods (3) <i>PR: MATH 111 or MATH 120 or instructor permission</i>
MATH 350	Statistical Methods II (3) <i>PR: MATH 120, MATH 250</i>
MATH 440	Statistical Learning I (3) <i>PR: MATH 203, MATH 220, MATH 350</i>
MATH 441	Statistical Learning II (3) <i>PR: MATH 440</i>

## Computer Science Requirement

CSCI 220	Computer Programming I (3) <i>PR: CSCI 120 or CSCI 180 or CSCI 210 or MATH 111 CO: CSCI 220L</i>
CSCI 220L	Computer Programming I Lab (1) <i>CO: CSCI 220</i>
CSCI 221	Computer Programming II (3) <i>PR: CSCI 220, CSCI 220L; CO or PR: MATH 207</i>
CSCI 230	Data Structure and Algorithms (3) <i>PR: CSCI 221, MATH 207</i>
CSCI 310	Advanced Algorithms (3) <i>PR: CSCI 230, MATH 207</i>
CSCI 334	Data Mining (3) <i>PR: CSCI 221, MATH 207, MATH 250</i>
CSCI 470	Principles of Artificial Intelligence (3) <i>PR: CSCI 230, MATH 307</i>

**Select a cognate from the following (Accounting, Biomechanics, Customer Relationship Management, e-Commerce, Economics, Exercise Physiology, Finance, Geoinformatics, Molecular Biology, Organismal Biology, Physics and Astronomy, Psychology, Sociology and Supply Chain Management)**

## Accounting Cognate Requirements (15 credit hours)

ACCT 203	Financial Accounting (3) <i>PR: Sophomore standing</i>
ACCT 204	Managerial Accounting (3) <i>PR: ACCT 203, sophomore standing</i>
ACCT 316	Intermediate Accounting (3) <i>PR: Junior standing, ACCT 203, ACCT 204</i>
ACCT 317	Intermediate Accounting II (3) <i>PR: Junior standing, ACCT 203, ACCT 204, ACCT 316</i>
ACCT 409	Auditing Theory (3) <i>PR: Senior standing, ACCT 203, ACCT 204, ACCT 316; CO or PR: ACCT 317 with instructor permission</i>

## Biomechanics Cognate Requirements (22+ credit hours)

BIOL 111	Introduction to Cell and Molecular Biology (3) <i>CO: BIOL 111L</i>
BIOL 111L	Introduction to Cell and Molecular Biology Lab (1) <i>CO: BIOL 111</i>
BIOL 112	Evolution, Form, and Function of Organisms (3) <i>PR: BIOL 111/111L; CO: BIOL 112L</i>
BIOL 112L	Evolution, Form, and Function of Organisms Lab (1) <i>CO: BIOL 112</i>
BIOL 202	Human Anatomy (4) <i>PR: BIOL 111/111L, BIOL 112/112L</i>
PHYS 101	Introductory Physics I (3) <i>CO: PHYS 101L</i>
PHYS 101L	Introductory Physics Laboratory (1) <i>CO: PHYS 101</i>
EXSC 330	Kinesiology (3) <i>PR: BIOL 202; EXSC or PEHD 201</i>
EXSC 440	Biomechanics (3) <i>PR: EXSC 291 or PEHD 201; PEHD 330, BIOL 202, PHYS 101</i>

## Customer Relations Management Cognate Requirements (15 credit hours)

ECON 200	Principles of Microeconomics (3) <i>PR: None</i>
ECON 201	Principles of Macroeconomics (3) <i>PR: ECON 200</i>
DSCI 232	Business Statistics (3) <i>PR: MATH 104 or MATH 250</i>
MKTG 302	Marketing Concepts (3) <i>PR: Junior standing, ECON 200, ECON 201</i>
MKTG 320	Marketing Research (3) <i>PR: Junior standing, ECON 200, ECON 201, MATH 103, DSCI 232, MKTG 302</i>

## e-Commerce Cognate Requirements (18 credit hours)

ACCT 203	Financial Accounting (3) <i>PR: Sophomore standing</i>
ACCT 204	Managerial Accounting (3) <i>PR: ACCT 203, sophomore standing</i>
DSCI 232	Business Statistics (3) <i>PR: MATH 104 or MATH 250</i>
DSCI 320	Management Information Systems (3) <i>PR: Junior standing, ACCT 203, ACCT 204, DSCI 232, MATH 104 or MATH 250</i>
DSCI 306	Introduction to Electronic Commerce (3) <i>PR: Junior or senior standing, MATH 104, ACCT 203, ACCT 204, DSCI 232, DSCI 320</i>
MKTG 333	Purchasing and Supply Chain Management (3) <i>PR: Junior standing</i>

## Economics Cognate Requirements (15 credit hours)

ECON 200	Principles of Microeconomics (3) <i>PR: None</i>
ECON 201	Principles of Macroeconomics (3) <i>PR: ECON 200</i>
ECON 317	Microeconomics Analysis (3) <i>PR: Junior standing, ECON 200, ECON 201, MATH 120</i>
ECON 318	Macroeconomic Analysis (3) <i>PR: Junior standing, ECON 200, ECON 201, MATH 120</i>
ECON 419	Introduction to Econometrics (3) <i>PR: Senior standing, ECON 200, 201, 317, 318; MATH 120, 250; MATH 350 or DSCI 232; or instructor permission</i>

## Exercise Physiology Cognate Requirements (19 credit hours)

BIOL 111	Introduction to Cell and Molecular Biology (3) <i>CO: BIOL 111L</i>
BIOL 111L	Introduction to Cell and Molecular Biology Lab (1) <i>CO: BIOL 111</i>
BIOL 112	Evolution, Form, and Function of Organisms (3) <i>PR: BIOL 111/111L; CO: BIOL 112L</i>
BIOL 112L	Evolution, Form, and Function of Organisms Lab (1) <i>CO: BIOL 112</i>
BIOL 201	Human Physiology (4) <i>PR: BIOL 111/111L, BIOL 112/112L</i>
EXSC 340	Exercise Physiology and Lab (4) <i>PR: BIOL 201, EXSC 201 or PEHD 201</i>

## Finance Cognate Requirements (24 credit hours)

ACCT 203	Financial Accounting (3) <i>PR: Sophomore standing</i>
ACCT 204	Managerial Accounting (3) <i>PR: ACCT 203, sophomore standing</i>
FINC 303	Business Finance (3) <i>PR: Junior standing, ACCT 203, ACCT 204, ECON 200, ECON 201, MATH 104 or MATH 250</i>
FINC 315	Intermediate Business Finance (3) <i>PR: Junior standing ACCT 203, ACCT 204, ECON 200, ECON 201, FINC 303, MATH 104 or 250</i>
FINC 400	Investment Analysis (3) <i>PR: Junior standing, ACCT 203, ACCT 204, ECON 200, ECON 201, FINC 303, DSCI 232, MATH 104 or MATH 250</i>

## Geoinformatics Cognate Requirements (22+ credit hours).

GEOL 101	Dynamic Earth (3) <i>PR: None; CO: GEOL 101L</i>
GEOL 101L	Dynamic Earth Lab (1) <i>CO: GEOL 101</i>
<b>OR</b>	
GEOL 103	Environmental Geology (3) <i>PR: None; CO: GEOL 103L</i>
GEOL 103L	Environmental Geology Lab (1) <i>CO: GEOL 103</i>

### **AND**

GEOL 105	Earth History (3) <i>PR: GEOL 101 and 101L or GEOL 103 and 103L or HONS 155 and 155L; CO: GEOL 105L</i>
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GEOL 105L Earth History Lab (1) *PR: GEOL 101L or GEOL 103L or HONS 155L; CO: GEOL 105*

**This cognate has three tracks to choose from: Geospatial Informatics, Hydro-Geophysical, and Applied Environmental Geoinformatics.**

#### **Geospatial Informatics Track**

GEOL 314 Introduction to Remote Sensing (4) *PR: GEOL 101 or 103; GEOL 105 or HONS 155 and 156*  
 GEOL 442 Geological Application of Remote Sensing (4) *PR: PR: GEOL 101 or 103; GEOL 105 or HONS 155 and 156*  
 GEOL 449 Geographical Information Systems (4) *PR: GEOL 101 or 103; GEOL 105 or HONS 155 and 156; or instructor permission*  
 GEOL XXX A geophysics elective, chosen in consultation with cognate advisor.

#### **Hydro-Geophysical Track**

GEOL 412 Crustal Geophysics (3) *PR: MATH 120; GEOL 101 or 103 or HONS 155; GEOL 105 or HONS 156; and GEOL 352; or instructor permission*  
 GEOL 438 Hydrogeology (4) *PR: GEOL 101 or 103; GEOL 105 or HONS 155 and 156; MATH 111 or 120; or instructor permission*  
 GEOL 441 Pollution in the Environment (4) *PR: CHEM 111 and CHEM 112 or GEOL 250; or CHEM 101 and GEOL 250; or the equivalent; or instructor permission*  
 GEOL 444 Quantitative Hydrogeology (3) *PR: MATH 220, GEOL 438, or instructor permission*

#### **Applied Environmental Geoinformatics Track**

GEOL 314 Introduction to Remote Sensing (4) *PR: GEOL 101 or 103; GEOL 105 or HONS 155 and 156*  
 GEOL 438 Hydrogeology (4) *PR: GEOL 101 or 103; GEOL 105 or HONS 155 and 156; MATH 111 or 120; or instructor permission*  
 GEOL 441 Pollution in the Environment (4) *PR: CHEM 111 and CHEM 112 or GEOL 250; or CHEM 101 and GEOL 250; or the equivalent; or instructor permission*  
 GEOL 449 Geographical Information Systems (4) *PR: GEOL 101 or 103; GEOL 105 or HONS 155 and 156; or instructor permission*

## **Molecular Biology Cognate Requirements (28 credit hours)**

BIOL 111 Introduction to Cell and Molecular Biology (3) *CO: BIOL 111L*  
 BIOL 111L Introduction to Cell and Molecular Biology Lab (1) *CO: BIOL 111*  
 BIOL 112 Evolution, Form, and Function of Organisms (3) *PR: BIOL 111/111L; CO: BIOL 112L*  
 BIOL 112L Evolution, Form, and Function of Organisms Lab (1) *CO: BIOL 112*  
 BIOL 305 Genetics (3) *PR: BIOL 111/111L, BIOL 112/112L; CO or PR: BIOL 211/211D, MATH 250, or instructor permission*  
 BIOL 305L Genetics Lab (1) *PR: BIOL 111/111L, BIOL 112/112L; CO or PR: BIOL 211/211D, BIOL 305, MATH 250, or instructor permission*  
 BIOL 312 Molecular Biology (3) *PR: BIOL 111/111L, BIOL 112/112L, BIOL 211/211D, BIOL 305, CHEM 101 and CHEM 102 or CHEM 111 and CHEM 112*

#### **AND**

BIOL 312L Molecular Biology Laboratory (1) *CO or PR: BIOL 312, MATH 250, or instructor permission*

#### **OR**

BIOL 453 Special Topics (1-4) *PR: BIOL 111/111L, 112/112L, BIOL 211/211D; CO or PR: BIOL 305, MATH 250*

## **Organismal Biology Cognate Requirements (22 credit hours)**

BIOL 111 Introduction to Cell and Molecular Biology (3) *CO: BIOL 111L*  
 BIOL 111L Introduction to Cell and Molecular Biology Lab (1) *CO: BIOL 111*  
 BIOL 112 Evolution, Form, and Function of Organisms (3) *PR: BIOL 111/111L; CO: BIOL 112L*  
 BIOL 112L Evolution, Form, and Function of Organisms Lab (1) *CO: BIOL 112*  
 BIOL 211 Biodiversity, Ecology, and Conservation Biology (4) *PR: BIOL 111/111L, BIOL 112/112L; CO: BIOL 211D*  
 BIOL 341 General Ecology (4) *PR: BIOL 111/111L, BIOL 112/112L, BIOL 211/211D; CO or PR: BIOL 305 or MATH 250*  
 BIOL 350 Evolution (3) *PR: BIOL 111/111L, BIOL 112/112L, BIOL 211/211D, BIOL 305; CO or PR: MATH 250*

## Physics and Astronomy Cognate Requirements (18+ credit hours)

PHYS 111	General Physics I (3) <i>PR or CO: MATH 120 or equivalent or instructor permission; CO: PHYS 111L</i>
PHYS 111L	General Physics I Lab (1) <i>CO: PHYS 111 or instructor permission</i>
PHYS 112	General Physics II (3) <i>PR: PHYS 111 or HONS 157; PR or CO: MATH 220; CO: PHYS 112L</i>
PHYS 112L	General Physics II Lab (1) <i>CO: PHYS 112 or instructor permission</i>
PHYS 230	Introduction to Modern Physics (3) <i>PR: PHYS 112 or HONS 158; CO or PR: MATH 221 or instructor permission</i>
PHYS 331	Introduction to Modern Physics II (3) <i>PR: PHYS 230 or instructor permission</i>
PHYS 370	Experimental Physics (4) <i>PR: PHYS 230 or instructor permission</i>

## Psychology Cognate Requirements (18+ credit hours)

PSYC 103	Introduction to Psychology Science (3) <i>PR: None</i>
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### Select 15 credit hours from the following, with at least 6 credit hours at the 300-level or higher:

PSYC 211	Psychological Statistics (3) <i>PR: PSYC 103</i>
PSYC 213	Conditioning and Learning (3) <i>PR: PSYC 103</i>
PSYC 214	Behavioral Neuroscience (3) <i>PR: PSYC 103</i>
PSYC 215	Cognitive Psychology (3) <i>PR: PSYC 103</i>
PSYC 216	Sensation and Perception (formerly PSYC 313) (3) <i>PR: PSYC 103</i>
PSYC 220	Research Methods (3) <i>PR: PSYC 103 and 211</i>
PSYC 221	Abnormal Psychology (formerly PSYC 307) (3) <i>PR: PSYC 103</i>
PSYC 222	Psychology of Personality (formerly PSYC 308) (3) <i>PR: PSYC 103</i>
PSYC 223	Social Psychology (formerly PSYC 310) (3) <i>PR: PSYC 103</i>
PSYC 224	Lifespan Development (formerly PSYC 311) (3) <i>PR: PSYC 103</i>
PSYC 250*	Psychological Statistics and Research Methods (6) <i>PR: PSYC 103 (NOTE: This course can be taken in lieu of PSYC 211 and 220.)</i>
PSYC 315	Special Topics in Psychology I (3) <i>PR: PSYC 103</i>
PSYC 318	Comparative Psychology (3) <i>PR: PSYC 103</i>
PSYC 321	Industrial Psychology (3) <i>PR: PSYC 103</i>
PSYC 329	Environmental Psychology (3) <i>PR: PSYC 103</i>
PSYC 333	Health Psychology (3) <i>PR: PSYC 103</i>
PSYC 334	Psychology of Stress (3) <i>PR: PSYC 103</i>
PSYC 335	Positive Psychology: Optimizing Psychological Well-being (3) <i>PR: PSYC 103</i>
PSYC 344	Psychology of Substance Abuse (formerly PSYC 388) (3) <i>PR: PSYC 103 and 221 (formerly 307)</i>
PSYC 349	Psychology of Entrepreneurship (3) <i>PR: MATH 104, or PSYC 211 or DSCI 232 and junior standing or instructor permission. Note: This course is cross-listed with MGMT 377. If a student has received credit for MGMT 377, the student may not receive credit for PSYC 349.</i>
PSYC 350	Psychology of Gender (3) <i>PR: PSYC 103</i>
PSYC 351	Principles of Neurobiology (3) <i>PR: PSYC 103, BIOL 111, 112, and BIOL 211 or PSYC 214, or instructor permission. Note: This course is cross-listed with BIOL 351. If a student has received credit for BIOL 351, the student may not receive credit for PSYC 351.</i>
PSYC 352	Neurobiology and Behavior (3) <i>PR: BIOL/PSYC 351 or PSYC 214, or instructor permission. Note: This course is cross-listed with BIOL 352. If a student has received credit for BIOL 352, the student may not receive credit for PSYC 352.</i>
PSYC 353	Hormones and Behavior (Cross-listed with BIOL 353) (3) <i>PR: PSYC 103 and 214 or 216, or instructor permission. Note: This course is cross-listed with BIOL 353. If a student has received credit for BIOL 353, the student may not receive credit for PSYC 353.</i>
PSYC 355	Sport Psychology (3) <i>PR: PSYC 103, 211, 220 (or 250 in lieu of 211 and 220) or instructor permission. Note: This course is cross-listed with PEHD 355. If a student has received credit for PEHD 355, the student may not receive credit for PSYC 355</i>
PSYC 356	Behavioral Genetics (3) <i>PR: PSYC 103 and BIOL 111, or instructor permission</i>
PSYC 358	Nonverbal Communication (formerly PSYC 340) (3) <i>PR: PSYC 103, 211, 220 (or 250 in lieu of 211 and 220) or instructor permission</i>
PSYC 370	Tests and Measurements (3) <i>PR: PSYC 103, 211, 220 (or 250 in lieu of 211 and 220)</i>
PSYC 372	Applied Behavior Analysis (3) <i>PR: PSYC 103, 211, 213, 220 (or 250 in lieu of 211 and 220)</i>
PSYC 375	Topics in Child and Adolescent Development (3) <i>PR: PSYC 103 and 224 (formerly 311), 211, 220 (or 250 in lieu of 211 and 220)</i>



- PSYC 376 Mass Media and Human Development (3) *PR: PSYC 103 and 224 (formerly 311), 211, 220 (or 250 in lieu of 211 and 220)*
- PSYC 378 Psychology of Language (3) *PR: PSYC 103 and 215, 211, 220 (or 250 in lieu of 211 and 220) or instructor permission*
- PSYC 386 Behavioral Pharmacology (3) *PR: PSYC 103; PSYC 214 or BIOL/PSYC 351; PSYC 211 and 220 (or 250 in lieu of 211 and 220) or BIOL 211 and MATH 250; or instructor permission*
- PSYC 387 Neuropsychology (3) *PR: PSYC 103; PSYC 214 or BIOL/PSYC 351; PSYC 211 and 220 (or 250 in lieu of 211 and 220) or BIOL 211 and MATH 250; or instructor permission*
- PSYC 389 Child Psychopathology (3) *PR: PSYC 103, 221, 211, 220 (or 250 in lieu of 211 and 220)*
- PSYC 390 Research Design and Interpretation (3) *PR: PSYC 103, 211, 220 (or 250 in lieu of 211 and 220)*
- PSYC 392 Scientific Foundations of Clinical Psychology (3) *PR: PSYC 103, 221 (formerly 307), 211, 220 (or 250 in lieu of 211 and 220)*
- PSYC 394 History and Systems of Psychology (3) *PR: PSYC 103, 211, 220 (or 250 in lieu of 211 and 220) and at least 12 additional credit hours in psychology*
- PSYC 397 Internship Experience (3) *PR: This class is open to junior or senior psychology majors with an overall and major minimum GPA of 3.00. Students must have successfully completed the following courses before they are eligible to apply: PSYC 103, 213, 214, 215, 211 and 220 (or 250 in lieu of 211 and 220)*
- PSYC 404 Teaching Mentorship (3) *PR: 103, 211, 220 (or 250 in lieu of 211 and 220) and open only to junior and senior PSYC majors with a minimum PSYC GPA of 3.00 or instructor permission*
- PSYC 410 Special Topics in Psychology (1-4) *PR: PSYC 103; PSYC 211 and 220 (or 250 in lieu of 211 and 220); declared psychology major or instructor permission for non-majors. (No more than 6 credit hours in special topics may be applied to meet the requirements for the major.)*
- PSYC 446 Special Topics in Neuroscience (3) *PR: Junior or senior standing and instructor permission*
- PSYC 447 Seminar in Neuroscience (3) *PR: BIOL/PSYC 351/352; CO: BIOL/PSYC 448 or instructor permission. Students engaged in independent research or a bachelor's essay will be given priority for enrollment.*
- PSYC 448 Bachelor's Essay in Neuroscience (6) *PR: BIOL/PSYC 351 and 352 and permission of both the student's major department and the neuroscience program director*
- PSYC 460 Advanced Conditioning and Learning with Lab (3) *PR: PSYC 103, 213, 211, 220 (or 250 in lieu of 211 and 220) and junior or senior status*
- PSYC 462 Advanced Social Psychology with Lab (3) *PR: PSYC 103, 223, 211, 220 (or 250 in lieu of 211 and 220) and junior or senior status*
- PSYC 464 Advanced Behavioral Neuroscience with Lab (3) *PR: PSYC 103, 214, 211, 220 (or 250 in lieu of 211 and 220) and junior or senior status*
- PSYC 466 Advanced Sensation and Perception with Lab (3) *PR: PSYC 103, 216, 211, 220 (or 250 in lieu of 211 and 220) and junior or senior status*
- PSYC 468 Advanced Cognitive Psychology with Lab (3) *PR: PSYC 103, 215, 211, 220 (or 250 in lieu of 211 and 220) and junior or senior status*
- PSYC 469 Advanced Developmental with Lab (3) *PR: PSYC 103, 224, 211, 220 (or 250 in lieu of 211 and 220) and junior or senior status*
- PSYC 497 Tutorial (formerly PSYC 399) (3) *PR: PSYC 103, 211 and 220 (or 250 in lieu of 211 and 220); junior or senior standing; tutor permission; and department chair permission*
- PSYC 498 Independent Study (formerly PSYC 400) (1-3) *PR: PSYC 103, 211 and 220 (or 250 in lieu of 211 and 220); Open to junior and senior psychology majors with the permission of a faculty member as supervisor and of the department chair. Formal written application stating the nature of the project and presenting evidence of sufficient background knowledge for the enterprise must be submitted prior to registration. Open only to students having a GPA of at least 3.00 in psychology courses. (No more than 6 credit hours in independent study may be applied toward the major.)*
- PSYC 499 Bachelor's Essay (6) *PR: PSYC 103, 211 and 220 (or 250 in lieu of 211 and 220); Open to psychology majors with an overall GPA of at least 3.40; senior standing, tutor permission and department chair approval. Formal written application stating the nature of the project and presenting evidence of sufficient background knowledge for the enterprise must be submitted prior to registration.*

## Sociology Cognate Requirements (15 credit hours)

- SOCY 101 Introduction to Sociology (3) *PR: None*  
**OR**  
 SOCY 102 Contemporary Social Issues (3) *PR: None*  
**AND**

- SOCY 260 Development of Social Thought (3) *PR: SOCY 101 or HONS 167 or SOCY 102*  
 SOCY 271 Introduction to Social Research (3) *PR: SOCY 101 or HONS 167 or SOCY 102*

**Select one course from the following in consultation with the cognate director:**

- SOCY 331 Society and the Individual (3) *PR: SOCY 101 or HONS 167 or SOCY 102*  
 SOCY 332 Collective Behavior (3) *PR: SOCY 101 or HONS 167 or SOCY 102*  
 SOCY 335 Aging and the Family (3) *PR: SOCY 101 or HONS 167 or SOCY 102*  
 SOCY 336 Death and Dying (3) *PR: SOCY 101 or HONS 167 or SOCY 102*  
 SOCY 337 Prejudice (3) *PR: SOCY 101 or HONS 167 or SOCY 102*  
 SOCY 339 Special Topics in Social Psychology (3) *PR: SOCY 101 or HONS 167 or SOCY 102*  
 SOCY 340 Medical Sociology (3) *PR: SOCY 101 or HONS 167 or SOCY 102*  
 SOCY 341 Criminology (3) *PR: SOCY 101 or HONS 167 or SOCY 102*  
 SOCY 342 Juvenile Delinquency (3) *PR: SOCY 101 or HONS 167 or SOCY 102*  
 SOCY 344 Social Gerontology (3) *PR: SOCY 101 or HONS 167 or SOCY 102*  
 SOCY 345 Social Policy (3) *PR: SOCY 101 or HONS 167 or SOCY 102*  
 SOCY 346 Environmental Sociology (3) *PR: SOCY 101 or HONS 167 or SOCY 102*  
 SOCY 348 Sociology of Alcohol and Drugs (3) *PR: SOCY 101 or HONS 167 or SOCY 102*  
 SOCY 349 Special Topics in Social Problems (3) *PR: SOCY 101 or HONS 167 or SOCY 102*  
 SOCY 351 Urban Sociology (3) *PR: SOCY 101 or HONS 167 or SOCY 102*  
 SOCY 352 Population and Society (3) *PR: SOCY 101 or HONS 167 or SOCY 102*  
 SOCY 355 Science Technology and Society (3) *PR: SOCY 101 or HONS 167 or SOCY 102*  
 SOCY 356 Sociological Perspectives on Religion (3) *PR: SOCY 101 or HONS 167 or SOCY 102*  
 SOCY 357 Political Sociology (3) *PR: SOCY 101 or HONS 167 or SOCY 102*  
 SOCY 358 Living in an Organizational World (3) *PR: SOCY 101 or HONS 167 or SOCY 102*  
 SOCY 359 Special Topics in Social Organization (3) *PR: SOCY 101 or HONS 167 or SOCY 102*  
 SOCY 360 Class, Power, and Privilege (3) *PR: SOCY 101 or HONS 167 or SOCY 102*  
 SOCY 361 Child Welfare (3) *PR: SOCY 101 or HONS 167 or SOCY 102*  
 SOCY 362 Social and Cultural Change (3) *PR: SOCY 101 or HONS 167 or SOCY 102*  
 SOCY 364 Gender and Society (3) *PR: SOCY 101 or HONS 167 or SOCY 102*  
 SOCY 365 Sociology of Music (3) *PR: SOCY 101 or HONS 167 or SOCY 102*  
 SOCY 366 Race and Ethnic Relations (3) *PR: SOCY 101 or HONS 167 or SOCY 102*  
 SOCY 369 Special Topics in Social Inequality (3) *PR: SOCY 101 or HONS 167 or SOCY 102*  
 SOCY 390 Senior Seminar (3) *PR: SOCY 101 or SOCY 102, SOCY 260, SOCY 271, SOCY 272, and 18 credit hours in the SOCY major, or instructor permission*

**Select 3 credit hours from the following in consultation with the cognate director:**

- SOCY 381 Internship (1-6) *PR: SOCY 101 or HONS 167 or SOCY 102; junior standing; declared sociology majors only; B average in sociology and overall average of C+; 12 credit hours in sociology or instructor permission*  
 SOCY 382 Student Research Apprenticeship in Sociology (1-6) *PR: SOCY 101 or HONS 167 or SOCY 102*  
 SOCY 399 Tutorial (3, Repeatable up to 12) *PR: Junior standing, tutor permission, department chair permission*  
 SOCY 490 Independent Study (1-3) *PR: SOCY 101 or HONS 167 or SOCY 102; junior standing, overall SOCY GPA of at least 3.000, overall GPA of at least 2.50, instructor permission*  
 SOCY 499 Bachelor's Essay (6) *PR: SOCY 101 or HONS 167 or SOCY 102; a project proposal must be submitted in writing and approved by the department prior to registration for the course*

## Supply Chain Management Cognate Requirements (18 credit hours)

- ECON 200 Principles of Microeconomics (3) *PR: None*  
 ECON 201 Principles of Macroeconomics (3) *PR: ECON 200*  
 DSCI 232 Business Statistics (3) *PR: MATH 104 or MATH 250*  
 MKTG 302 Marketing Concepts (3) *PR: Junior standing, ECON 200, ECON 201*  
 MKTG 333 Purchasing and Supply Chain Management (3) *PR: Junior standing*  
 TRAN 312 Global Logistics (3) *PR: Junior standing, ECON 200, ECON 201*

# Early Childhood Education Major Requirements

Degree: Bachelor of Science

Credit Hours: 99

"PR" indicates a pre-requisite. "CO" indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult <http://registrar.cofc.edu/general-edu> for more information.

## Required Courses:

COMM 104 Public Speaking (3) *PR: None*

**OR**

COMM 211 Oral Interpretation (3) *PR: None*

ANTH 101 Introduction to Anthropology (3) *PR: None*

PSYC 103 Introduction to Psychological Science (3) *PR: None*

**OR**

SOCY 101 Introduction to Sociology (3) *PR: None*

## Select two courses from the following:

ARTH 101 History of Art: Prehistoric Through Medieval (3) *PR: None*

**OR**

ARTH 102 History of Art: Renaissance Through Modern (3) *PR: None*

MUSC 131 Music Appreciation (3) *PR: None*

THTR 176 Introduction to Theatre (3) *PR: None*

## Select one course from the following:

ENGL 216 Introduction to African American Literature (3) *PR: ENGL 110 or equivalent*

ENGL 313 African American Literature (3) *PR: ENGL 110 or equivalent*

HIST 201 United States to 1865 (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*

HIST 202 United States Since 1865 (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*

HIST 210 Special Topics in U.S. History (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*

HIST 211 American Urban History (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*

HIST 212 American Labor History (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*

HIST 213 American Jewish History: Colonial Times to the Present (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*

HIST 214 American Ethnic History: 1607 to the Present (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*

HIST 215 Native American History (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*

HIST 216 African American History to 1865 (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*

HIST 217 African American History Since 1865 (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*

HIST 218	The American West (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 219	Native Americans in Film (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 221	Women in the United States (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 222	History of South Carolina (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 224	History of the South to 1865 (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 225	History of the South Since 1865 (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 301	Colonial America, 1585-1763 (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 302	Era of the American Revolution, 1763-1800 (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 304	History of the United States: The Civil War & Reconstruction, 1845-1877 (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 307	History of the United States: Cold War America, 1945-Present (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 310	Special Topics in U.S. History (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 312	Diplomatic History of the United States Since 1898 (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 320	Special Topics in Low Country History (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 323	Society and Culture of Early Charleston (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>

**Select two MATH courses at the 103-level or above totaling at least 6 credit hours:**

MATH 103	Contemporary Math with Applications (3) <i>PR: MATH 101 or placement</i>
MATH 104	Elementary Statistics (3) <i>PR: MATH 101 or placement</i>
MATH 105	Calculus for Business and the Social Sciences (3) <i>PR: MATH 101 or placement</i>
MATH 111	Pre-Calculus Mathematics (4) <i>PR: C- or better in MATH 101 or placement</i>
MATH 120	Introductory Calculus (4) <i>PR: C- or better in MATH 111 or placement</i>
MATH 207	Discrete Structures I (3) <i>PR: MATH 105, 111 or 120</i>
MATH 220	Calculus II (4) <i>PR: MATH 120 or HONS 115</i>
MATH 250	Statistical Methods I (3) <i>PR: Either MATH 111, 120 or instructor permission</i>

**Note:** For higher level MATH courses that can count for this requirement, please consult with the Teacher Education Department.

**Select 12 credit hours from the following with a sequence of 8 credit hours in one area. At least 4 of the credit hours must be Biological Science (BIOL) and at least 4 of the credit hours must be Physical Science (ASTR, CHEM, GEOL, PHYS). Labs are required for all.**

ASTR 129	Astronomy I (3) <i>PR: None; CO: ASTR 129L</i>
ASTR 129L	Astronomy I Lab (1) <i>CO: ASTR 129</i>
ASTR 130	Astronomy II (3) <i>PR: ASTR 129 and 129 lab; CO: ASTR 130L</i>
ASTR 130L	Astronomy II Lab (1) <i>CO: ASTR 130</i>

BIOL 101	Concepts and Applications in Biology I (4) <i>PR: None; CO: BIOL 101L</i>
BIOL 101L	Concepts and Applications in Biology I Lab (0) <i>CO: BIOL 101</i>
BIOL 102	Concepts and Applications in Biology II (4) <i>PR: BIOL 101 and 101 lab; CO: BIOL 102L</i>
BIOL 102L	Concepts and Applications in Biology II Lab (0) <i>CO: BIOL 102</i>
BIOL 111	Introduction to Cell and Molecular Biology (3) <i>PR: None; CO: BIOL 111L</i>
BIOL 111L	Introduction to Cell and Molecular Biology Lab (1) <i>CO: BIOL 111</i>
BIOL 112	Evolution, Form, and Function of Organisms (3) <i>PR: BIOL 111 and 111L; CO: BIOL 112L</i>
BIOL 112L	Evolution, Form, and Function of Organisms Lab (1) <i>CO: BIOL 112</i>
CHEM 101	General Chemistry (3) <i>PR: None; CO: CHEM 101L</i>
CHEM 101L	General Chemistry Lab (1) <i>CO: CHEM 101</i>
CHEM 102	Organic and Biological Chemistry (3) <i>PR: CHEM 101 and 101L; CO: CHEM 102L</i>
CHEM 102L	Organic and Biological Chemistry Lab (1) <i>CO: CHEM 102</i>
CHEM 111	Principles of Chemistry (3) <i>PR or CO: Unless students exempt MATH 111 (via diagnostic testing) or have completed this course as a pre-requisite, they are required to take MATH 111 as a co-requisite. CO: CHEM 111L</i>
CHEM 111L	Principles of Chemistry Lab (1) <i>CO: CHEM 111</i>
CHEM 112	Principles of Chemistry (3) <i>PR: CHEM 111 and 111L; CO: CHEM 112L</i>
CHEM 112L	Principles of Chemistry Lab (1) <i>CO: CHEM 112</i>
GEOL 101	Dynamic Earth (3) <i>PR: None; CO: GEOL 101L</i>
GEOL 101L	Dynamic Earth Lab (1) <i>CO: GEOL 101</i>
GEOL 103	Environmental Geology (3) <i>PR: None; CO: GEOL 103L</i>
GEOL 103L	Environmental Geology Lab (1) <i>CO: GEOL 103</i>
GEOL 105	Earth History (3) <i>PR: GEOL 101 and 101L or GEOL 103 and 103L; CO: GEOL 105L</i>
GEOL 105L	Earth History Lab (1) <i>CO: GEOL 105</i>
PHYS 101	Introductory Physics I (3) <i>PR: None; CO: PHYS 101L</i>
PHYS 101L	Introductory Physics Lab (1) <i>CO: PHYS 101</i>
PHYS 102	Introductory Physics II (3) <i>PR: PHYS 101 or PHYS 111 or HONS 157; CO: PHYS 102L</i>
PHYS 102L	Introductory Physics Lab (1) <i>CO: PHYS 102</i>
PHYS 111	General Physics I (3) <i>PR or CO: MATH 120 or equivalent or instructor permission; CO: PHYS 111L</i>
PHYS 111L	General Physics I Lab (1) <i>CO: PHYS 111 or instructor permission</i>
PHYS 112	General Physics II (3) <i>PR: PHYS 111 and 111L; CO: PHYS 112L; PR or CO: MATH 220 or equivalent or instructor permission</i>
PHYS 112L	General Physics II Lab (1) <i>CO: PHYS 112L or instructor permission</i>

### Core Certification Course

EDFS 201\* Foundations of Education (3) *PR: Sophomore standing.*

**Note:** \*EDFS 201 is prerequisite to all other education courses with a grade of C or better.

### Professional Program Semester 1

EDFS 303\* Human Growth and Educational Process (3) *PR: None*

**Note:** \*Candidates who have received credit for PSYC 224 (previously listed as PSYC 311) prior to beginning a teacher education program should not take EDFS 303 (credit will not be awarded).

EDEE 323 Development of Mathematical Thinking (3) *PR: None*

EDEE 325 Language and Literacy Development (3) *PR: None*

EDFS 326 Integrating Technology Into Teaching (3) *PR: None*

EDEE 327 Learner Development and the Context of Learning (field experience) (3) *PR: None*

### Professional Program Semester 2

EDEE 365 Teaching Mathematics PK-3 (3) *PR: None*

EDEE 375 Reading/Learning Strategies PK-3 (3) *PR: None*

EDEE 367 Teaching Science PK-3 (3) *PR: None*

EDEE 371 Teaching Social Studies PK-3 (3) *PR: None*

EDEE 363 Introduction to Early Childhood Education (3) *PR: Courses required by department in the first semester of proposed major (EDFS 326, EDFS 303, EDEE 323, EDEE 325, and EDEE 327)*

EDEE 380 Application of Curriculum & Instruction PK-3 (3) *PR: None*

### Professional Program Semester 3

EDEE 403 Visual & Performing Arts (3) *PR: None*

EDEE 409	Meeting Needs of Diverse Learners (3) <i>PR: None</i>
EDEE 370	Teaching Health & Physical Education (also offered Maymester) (3) <i>PR: None</i>
EDEE 407	Creating Learning Environments (3) <i>PR: None</i>
EDEE 415	Curriculum, Instruction & Assessment PK-3 (field experience) (3) <i>PR: EDEE 380</i>

#### Professional Program Semester 4

EDEE 455*	Early Childhood Clinical Practice (12) <i>PR: EDEE 416</i>
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**Note:** \*Students seeking recommendation for South Carolina certification in Early Childhood Education must complete the program of study above and meet the admission, retention, and exit requirements of the program and the School of Education, Health, and Human Performance. Recommendation to the South Carolina Department of Education for certification in South Carolina is contingent upon successful completion of Clinical Practice and achievement of passing scores on the necessary Praxis II test(s). Students who do not take Clinical Practice may earn a degree in Early Childhood Education but will not be recommended for certification. See your faculty advisor for additional information.

#### Notes:

- Declare a major in education in using Program of Study Management (POSM) in MyCharleston as soon as possible. You will be assigned a faculty advisor to work with you in planning your program.
- You should apply for admission (this is NOT declaring your major) to the Teacher Education Program the semester you are enrolled in EDFS 201 Foundations of Education. Requirements for admission:
  - Minimum overall GPA of 2.5 and 60 earned credit hours.
  - Passing score on the 3 components of the PRAXIS I: Pre-Professional Skills Test (Reading, Writing, and Mathematics) as designated by the South Carolina Department of Education OR qualifying SAT or ACT scores.
  - Disposition forms from (a) a general education faculty member, (b) your EDFS 201 professor, and (c) someone who has observed you working with children.
  - If a student has transfer credit for a course that is equivalent to EDFS 201, they must meet with the Teacher Education department chair and complete 1 hour of work.
  - A grade of C or better in EDFS 201 Foundations of Education.
- Your admission process must be completed before beginning the professional program.
- Candidates interested in dual certification (e.g., elementary and early childhood, elementary and middle) must major in one area and take all of the Credit II courses in the additional certification area.

## Economics Major Requirements

Degree: Bachelor of Science

Credit Hours: 43+

"PR" indicates a pre-requisite. "CO" indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult <http://registrar.cofc.edu/general-edu> for more information.

#### Required Courses

ECON 200	Principles of Microeconomics (3) <i>PR: None</i>
ECON 201	Principles of Macroeconomics (3) <i>PR: ECON 200</i>
ECON 317	Microeconomic Analysis (3) <i>PR: Junior standing, ECON 200, 201, MATH 120</i>
ECON 318	Macroeconomic Analysis (3) <i>PR: Junior standing, ECON 200, 201, MATH 120</i>
ECON 419	Introduction to Econometrics (3) <i>PR: Senior standing, ECON 200, 201, 317, 318; MATH 120, 250; MATH 350 or DSCI 232; or instructor permission</i>
MATH 120	Introductory Calculus (4) <i>PR: C- or better in MATH 111 or placement</i>
MATH 250	Statistical Methods I (3) <i>PR: Either MATH 111, MATH 120 or instructor permission</i>
MATH 350	Statistical Methods II (3) <i>PR: MATH 120, 250</i>

#### OR

DSCI 232	Business Statistics (3) <i>PR: MATH 104 or 250</i>
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**Choose 18 credit hours from the following economics and finance courses at the 300-level and above; no more than 6 credit hours from finance courses:**

ECON 303	Economics of Transportation and Geography (3) <i>PR: Junior standing, ECON 200, 201</i>
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ECON 304	Labor Economics (3) <i>PR: Junior standing, ECON 200, 201, MATH 105 or 120, or instructor permission. (DSCI 232 is recommended)</i>
ECON 305	Money and Financial Institutions (3) <i>PR: Junior standing, ECON 200, 201, MATH 105 or 120, or instructor permission</i>
ECON 306	Monetary Theory and Policy (3) <i>PR: Junior standing, ECON 200, 201, MATH 105 or 120, or instructor permission</i>
ECON 307	Urban Economics (3) <i>PR: Junior standing, ECON 200, 201, MATH 105 or 120, or instructor permission</i>
ECON 308	Evolution of Economic Doctrines (3) <i>PR: Junior standing, ECON 200, 201, MATH 105 or 120, or instructor permission</i>
ECON 310	International Economics (3) <i>PR: Junior standing, ECON 200, 201, MATH 105 or 120, or instructor permission</i>
ECON 311	Environmental Economics (3) <i>PR: Junior standing, ECON 200, 201, MATH 105 or 120, or instructor permission</i>
ECON 316	Evolution of the U. S. Economy (3) <i>PR: Junior standing, ECON 200, 201, or instructor permission</i>
ECON 320	Managerial Economics (3) <i>PR: Junior standing, ECON 200, 201, DSCI 232, MATH 104 or 250, MATH 105 or 120, or instructor permission</i>
ECON 325	Economics for Development (3) <i>PR: Junior standing, ECON 200, 201, MATH 105 or 120, or instructor permission</i>
ECON 330	Comparative Economic Systems (3) <i>PR: Junior standing, ECON 200, 201, MATH 105 or 120, or instructor permission</i>
ECON 340	Public Finance (3) <i>PR: Junior standing, ECON 200, 201, MATH 105 or 120; or instructor permission</i>
ECON 350	Financial Markets in Us Economy (3) <i>PR: Junior standing, ECON 200, 201, (ECON 305 is recommended), or instructor permission</i>
ECON 360	Special Topics in Economics (3) <i>PR: Junior standing, ECON 200, 201, MATH 105 or 120, or instructor permission</i>
ECON 399	Tutorial (up to 12) <i>PR: Junior standing; tutor and department chair permission</i>
ECON 400	Senior Seminar in Economics (3) <i>PR: Senior standing, ECON 200, 201, 317, 318; MATH 120, 250; MATH 350 or DSCI 232; or instructor permission</i>
ECON 420	Independent Study (1-3) <i>PR: Junior standing, written agreement of the instructor and department chair permission</i>
ECON 444	Economics Internship (3) <i>PR: Senior standing, declared major or minor in the School of Business and Economics, acceptance to an internship program or site, interview with and approval of the instructor. See the departmental internship coordinator for more details.</i>
ECON 499	Bachelor's Essay (6) <i>PR: Senior standing and department approval</i>

**No more than 6 hours from the following finance courses:**

FINC 303	Business Finance (3) <i>PR: Junior standing, ACCT 203, 204, ECON 200, 201, MATH 104 or 250; (DSCI 232 is suggested)</i>
FINC 313	Management of Financial Institutions (3) <i>PR: Junior standing, ACCT 203, 204, FINC 303, ECON 200, 201, MATH 104 or 250</i>
FINC 315	Intermediate Business Finance (3) <i>PR: Junior standing, ACCT 203, 204, FINC 303, ECON 200, 201, MATH 104 or 250</i>
FINC 360	Special Topics in Finance (3) <i>PR: Junior standing, FINC 303, ACCT 203, 204, ECON 200, 201, MATH 104 or 250, or instructor permission</i>
FINC 382	International Financial Markets (3) <i>PR: Junior or senior standing, ECON 200, 201, FINC 303</i>
FINC 385	Principles of Risk Management and Insurance (3) <i>PR: Junior standing</i>
FINC 386	Risk Management (3) <i>PR: Junior standing, ACCT 203, 204, FINC 303, ECON 200, 201, MATH 104 or 250</i>
FINC 399	Tutorial (3, Repeatable up to 6) <i>PR: Junior standing, ACCT 203, 204, ECON 200, 201, MATH 104 or 250, FINC 303, and instructor and department chair permission</i>
FINC 400	Investment Analysis (3) <i>PR: Junior standing, ACCT 203, 204, DSCI 232, FINC 303, ECON 200, 201, MATH 104 or 250</i>
FINC 410	Seminar in Finance (3) <i>PR: Junior standing, ACCT 203, 204, FINC 303, ECON 200, 201, MATH 104 or 250</i>
FINC 420	Independent Study (1-3) <i>PR: Junior standing, written agreement of the instructor and department chair permission</i>
FINC 444	Finance Internship (3) <i>PR: Senior standing, declared major or minor in the School of Business and Economics, acceptance to an internship program or site, interview with and approval of the instructor. See the departmental internship coordinator for more details.</i>
FINC 499	Bachelor's Essay (3) <i>PR: Senior standing and department approval</i>

**Notes:**

- *The School of Business has the following admission standard: You must complete the following courses with a minimum grade of "C -": ECON 200, 201, \*MATH 104 or 250, 105 or 120, \*DSCI 232, \*ACCT 203, 204. \*Note: ECON majors must make a C- or better in MATH 120 and 250 as MATH 105 and 104 are not options in the major. ECON majors may take either MATH 350 or DSCI 232. ECON majors are not required to take ACCT 203 and 204.*
- *The business and accounting programs offered by the School of Business is accredited by The Association to Advance Collegiate Schools of Business (AACSB).*

# Elementary Education Major Requirements

Degree: Bachelor of Science

Credit Hours: 99

"PR" indicates a pre-requisite. "CO" indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult <http://registrar.cofc.edu/general-edu> for more information.

## Required Courses:

COMM 104 Public Speaking (3) *PR: None*

**OR**

COMM 211 Oral Interpretation (3) *PR: None*

ANTH 101 Introduction to Anthropology (3) *PR: None*

PSYC 103 Introduction to Psychological Science (3) *PR: None*

**OR**

SOCY 101 Introduction to Sociology (3) *PR: None*

## Select two courses from the following:

ARTH 101 History of Art: Prehistoric Through Medieval (3) *PR: None*

**OR**

ARTH 102 History of Art: Renaissance Through Modern (3) *PR: None*

MUSC 131 Music Appreciation (3) *PR: None*

THTR 176 Introduction to Theatre (3) *PR: None*

## Select one course from the following:

ENGL 216 Introduction to African American Literature (3) *PR: ENGL 110 or equivalent*

ENGL 313 African American Literature (3) *PR: ENGL 110 or equivalent*

HIST 201 United States to 1865 (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*

HIST 202 United States Since 1865 (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*

HIST 210 Special Topics in U.S. History (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*

HIST 211 American Urban History (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*

HIST 212 American Labor History (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*

HIST 213 American Jewish History: Colonial Times to the Present (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*

HIST 214 American Ethnic History: 1607 to the Present (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*

HIST 215 Native American History (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*

HIST 216 African American History to 1865 (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*

HIST 217 African American History Since 1865 (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*



HIST 218	The American West (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 219	Native Americans in Film (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 221	Women in the United States (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 222	History of South Carolina (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 224	History of the South to 1865 (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 225	History of the South Since 1865 (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 301	Colonial America, 1585-1763 (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 302	Era of the American Revolution, 1763-1800 (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 304	History of the United States: The Civil War & Reconstruction, 1845-1877 (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 307	History of the United States: Cold War America, 1945-Present (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 310	Special Topics in U.S. History (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 312	Diplomatic History of the United States Since 1898 (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 320	Special Topics in Low Country History (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 323	Society and Culture of Early Charleston (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>

**Select two MATH courses at the 103-level or above totaling at least 6 credit hours:**

MATH 103	Contemporary Math with Applications (3) <i>PR: MATH 101 or placement</i>
MATH 104	Elementary Statistics (3) <i>PR: MATH 101 or placement</i>
MATH 105	Calculus for Business and the Social Sciences (3) <i>PR: MATH 101 or placement</i>
MATH 111	Pre-Calculus Mathematics (4) <i>PR: C- or better in MATH 101 or placement</i>
MATH 120	Introductory Calculus (4) <i>PR: C- or better in MATH 111 or placement</i>
MATH 207	Discrete Structures I (3) <i>PR: MATH 105, 111 or 120</i>
MATH 220	Calculus II (4) <i>PR: MATH 120 or HONS 115</i>
MATH 250	Statistical Methods I (3) <i>PR: Either MATH 111, 120 or instructor permission</i>

**Note:** For higher level MATH courses that can count for this requirement, please consult with the Teacher Education Department.

**Select 12 credit hours from the following with a sequence of 8 credit hours in one area. At least 4 of the credit hours must be Biological Science (BIOL) and at least 4 of the credit hours must be Physical Science (ASTR, CHEM, GEOL, PHYS). Labs are required for all.**

ASTR 129	Astronomy I (3) <i>PR: None; CO: ASTR 129L</i>
ASTR 129L	Astronomy I Lab (1) <i>CO: ASTR 129</i>
ASTR 130	Astronomy II (3) <i>PR: ASTR 129 and 129 lab; CO: ASTR 130L</i>
ASTR 130L	Astronomy II Lab (1) <i>CO: ASTR 130</i>

BIOL 101	Concepts and Applications in Biology I (4) <i>PR: None; CO: BIOL 101L</i>
BIOL 101L	Concepts and Applications in Biology I Lab (0) <i>CO: BIOL 101</i>
BIOL 102	Concepts and Applications in Biology II (4) <i>PR: BIOL 101 and 101 lab; CO: BIOL 102L</i>
BIOL 102L	Concepts and Applications in Biology II Lab (0) <i>CO: BIOL 102</i>
BIOL 111	Introduction to Cell and Molecular Biology (3) <i>PR: None; CO: BIOL 111L</i>
BIOL 111L	Introduction to Cell and Molecular Biology Lab (1) <i>CO: BIOL 111</i>
BIOL 112	Evolution, Form, and Function of Organisms (3) <i>PR: BIOL 111 and 111L; CO: BIOL 112L</i>
BIOL 112L	Evolution, Form, and Function of Organisms Lab (1) <i>CO: BIOL 112</i>
CHEM 101	General Chemistry (3) <i>PR: None; CO: CHEM 101L</i>
CHEM 101L	General Chemistry Lab (1) <i>CO: CHEM 101</i>
CHEM 102	Organic and Biological Chemistry (3) <i>PR: CHEM 101 and 101L; CO: CHEM 102L</i>
CHEM 102L	Organic and Biological Chemistry Lab (1) <i>CO: CHEM 102</i>
CHEM 111	Principles of Chemistry (3) <i>PR or CO: Unless students exempt MATH 111 (via diagnostic testing) or have completed this course as a pre-requisite, they are required to take MATH 111 as a co-requisite. CO: CHEM 111L</i>
CHEM 111L	Principles of Chemistry Lab (1) <i>CO: CHEM 111</i>
CHEM 112	Principles of Chemistry (3) <i>PR: CHEM 111 and 111L; CO: CHEM 112L</i>
CHEM 112L	Principles of Chemistry Lab (1) <i>CO: CHEM 112</i>
GEOL 101	Dynamic Earth (3) <i>PR: None; CO: GEOL 101L</i>
GEOL 101L	Dynamic Earth Lab (1) <i>CO: GEOL 101</i>
GEOL 103	Environmental Geology (3) <i>PR: None; CO: GEOL 103L</i>
GEOL 103L	Environmental Geology Lab (1) <i>CO: GEOL 103</i>
GEOL 105	Earth History (3) <i>PR: GEOL 101 and 101L or GEOL 103 and 103L; CO: GEOL 105L</i>
GEOL 105L	Earth History Lab (1) <i>CO: GEOL 105</i>
PHYS 101	Introductory Physics I (3) <i>PR: None; CO: PHYS 101L</i>
PHYS 101L	Introductory Physics Lab (1) <i>CO: PHYS 101</i>
PHYS 102	Introductory Physics II (3) <i>PR: PHYS 101 or PHYS 111 or HONS 157; CO: PHYS 102L</i>
PHYS 102L	Introductory Physics Lab (1) <i>CO: PHYS 102</i>
PHYS 111	General Physics I (3) <i>PR or CO: MATH 120 or equivalent or instructor permission; CO: PHYS 111L</i>
PHYS 111L	General Physics I Lab (1) <i>CO: PHYS 111 or instructor permission</i>
PHYS 112	General Physics II (3) <i>PR: PHYS 111 and 111L; CO: PHYS 112L; PR or CO: MATH 220 or equivalent or instructor permission</i>
PHYS 112L	General Physics II Lab (1) <i>CO: PHYS 112L or instructor permission</i>

### Core Certification Course

EDFS 201\* Foundations of Education (3) *PR: Sophomore standing.*

**Note:** \*EDFS 201 is prerequisite to all other education courses with a grade of C or better.

### Professional Program Semester 1

EDFS 303\* Human Growth and Educational Process (3) *PR: None*

**Note:** \*Candidates who have received credit for PSYC 224 (previously listed as PSYC 311) prior to beginning a teacher education program should not take EDFS 303 (credit will not be awarded).

EDEE 323 The Development of Mathematical Thinking (3) *PR: None*

EDEE 325 Language and Literacy Development (3) *PR: None*

EDFS 326 Integrating Technology Into Teaching (3) *PR: None*

EDEE 327 Learner Development and the Context of Learning (field experience) (3) *PR: None*

### Professional Program Semester 2

EDEE 366 Teaching Mathematics 2-8 (3) *PR: None*

EDEE 377 Reading/Learning Strategies 2-8 (3) *PR: None*

EDEE 368 Teaching Science 2-8 (3) *PR: None*

EDEE 373 Teaching Social Studies 2-8 (3) *PR: None*

EDEE 374 Elementary Education: Balancing Students and Curriculum (3) *PR: Admissions into the teacher education program and successful completion of EDEE 327*

EDEE 382 Application of Curriculum & Instruction 2-6 (field experience) (3) *PR: None*

### Professional Program Semester 3

EDEE 403 Visual and Performing Arts (3) *PR: None*

EDEE 409	Meeting Needs of Diverse Learners (3) <i>PR: None</i>
EDEE 370	Teaching Health & Physical Education (3) <i>PR: None</i>
EDEE 407	Creating Learning Environments (3) <i>PR: None</i>
EDEE 416	Curriculum, Instruction & Assessment 2-6 (field experience) (3) <i>PR: None</i>

#### Professional Program Semester 4

EDEE 457*	Elementary Grades Clinical Practice (12) <i>PR: EDEE 416</i>
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**Note:** \*Students seeking recommendation for South Carolina certification in Elementary Education must complete the program of study above and meet the admission, retention, and exit requirements of the program and the School of Education, Health, and Human Performance. Recommendation to the South Carolina Department of Education for certification in South Carolina is contingent upon successful completion of Clinical Practice and achievement of passing scores on the necessary Praxis II test(s). Students who do not take Clinical Practice may earn a degree in Elementary Education but will not be recommended for certification. See your faculty advisor for additional information.

#### Notes:

- Declare a major in education in using Program of Study Management (POSM) in MyCharleston as soon as possible. You will be assigned a faculty advisor to work with you in planning your program.
- You should apply for admission (this is NOT declaring your major) to the Teacher Education Program the semester you are enrolled in EDFS 201 Foundations of Education. Requirements for admission:
  - Minimum overall GPA of 2.5 and 60 earned credit hours.
  - Passing score on the 3 components of the PRAXIS I: Pre-Professional Skills Test (Reading, Writing, and Mathematics) as designated by the South Carolina Department of Education OR qualifying SAT or ACT scores.
  - Disposition forms from (a) a general education faculty member, (b) your EDFS 201 professor, and (c) someone who has observed you working with children.
  - If a student has transfer credit for a course that is equivalent to EDFS 201, they must meet with the Teacher Education department chair and complete 1 hour of work.
  - A grade of C or better in EDFS 201 Foundations of Education.
- Your admission process must be completed before beginning the professional program.
- Candidates interested in dual certification (e.g., elementary and early childhood, elementary and middle) must major in one area and take all of the Credit II courses in the additional certification area.

## English Major Requirements

Degree: Bachelor of Arts

Credit Hours: 36+

"PR" indicates a pre-requisite. "CO" indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult <http://registrar.cofc.edu/general-edu> for more information.

#### Required Courses

ENGL 201	Major British Writers I (3) <i>PR: ENGL 110 or equivalent</i>
ENGL 202	Major British Writers II (3) <i>PR: ENGL 110 or equivalent</i>
ENGL 207	American Literature to the Present (3) <i>PR: ENGL 110 or equivalent</i>
ENGL 299	Introduction to English Studies (3) <i>PR: ENGL 110 or equivalent</i>

**Middle of the Major (24 credit hours of which 3 credit hours may be at the 200-level):**

**Select one course from each of the following areas:**

#### Literature in History, Pre-1700: Choose one.

ENGL 314	The Sixteenth Century (3) <i>PR: ENGL 110 or equivalent</i>
ENGL 317	The Seventeenth Century (3) <i>PR: ENGL 110 or equivalent</i>
ENGL 337	British Drama to 1642 (3) <i>PR: ENGL 110 or equivalent</i>
ENGL 361	Studies in Literature in History pre-1700 (3) <i>PR: ENGL 110 or equivalent</i>

ENGL 461 Senior Seminar in Literature in History Pre-1700 (3) *PR: ENGL 110 or equivalent; open to seniors, with instructor permission*

**Literature in History, 1700-1900: Choose one.**

ENGL 318 The Eighteenth Century (3) *PR: ENGL 110 or equivalent*  
 ENGL 321 The Romantic Period (3) *PR: ENGL 110 or equivalent*  
 ENGL 323 The Victorian Period (3) *PR: ENGL 110 or equivalent*  
 ENGL 342 Literature of the American Revolution and Early Republic (3) *PR: ENGL 110 or equivalent*  
 ENGL 343 American Renaissance (3) *PR: ENGL 110 or equivalent*  
 ENGL 344 Late 19th Century American Literature (3) *PR: ENGL 110 or equivalent*  
 ENGL 362 Studies in Literature in History 1700-1900 (3) *PR: ENGL 110 or equivalent*  
 ENGL 462 Senior Seminar in Literature in History 1700-1900 (3) *PR: ENGL 110 or equivalent; open to seniors, with instructor permission*

**Literature in History, 1900-present: Choose one.**

ENGL 325 Modern British Literature (3) *PR: ENGL 110 or equivalent*  
 ENGL 326 Irish Literature (3) *PR: ENGL 110 or equivalent*  
 ENGL 335 Modern Poetry (3) *PR: ENGL 110 or equivalent*  
 ENGL 341 20th Century Southern Literature (3) *PR: ENGL 110 or equivalent*  
 ENGL 346 Contemporary American Fiction (3) *PR: ENGL 110 or equivalent*  
 ENGL 356 American Novel 1900-1965 (3) *PR: ENGL 110 or equivalent*  
 ENGL 359 American Poetry since 1945 (3) *PR: ENGL 110 or equivalent*  
 ENGL 363 Studies in Literature in History 1900-Present (3) *PR: ENGL 110 or equivalent*  
 ENGL 463 Senior Seminar in Literature in History 1900-present (3) *PR: ENGL 110 or equivalent; open to seniors, with instructor permission*

**Difference and Literary Tradition or Film and Cultural Studies: Choose one.**

**Difference and Literary Tradition**

ENGL 216 Introduction to African American Literature (3) *PR: ENGL 110 or equivalent*  
 ENGL 226 Survey of World Literature (3) *PR: ENGL 110 or equivalent*  
 ENGL 233 Survey of Non-Western 20th Century Literature (3) *PR: ENGL 110 or equivalent*  
 ENGL 234 Survey of Third World Masterpieces (3) *PR: ENGL 110 or equivalent*  
 ENGL 313 African American Literature (3) *PR: ENGL 110 or equivalent*  
 ENGL 336 Women Writers (3) *PR: ENGL 110 or equivalent*  
 ENGL 352 Major African Writers (3) *PR: ENGL 110 or equivalent*  
 ENGL 353 African Women Writers (3) *PR: ENGL 110 or equivalent*  
 ENGL 358 Colonial and Postcolonial British Literature (3) *PR: ENGL 110 or equivalent*  
 ENGL 364 Studies in Difference and Literary Tradition (3) *PR: ENGL 110 or equivalent*  
 ENGL 464 Senior Seminar in Difference and Literary Tradition (3) *PR: ENGL 110 or equivalent; open to seniors, with instructor permission*

**Film & Cultural Studies**

ENGL 212 The Cinema: History and Criticism (3) *PR: ENGL 110 or equivalent*  
 ENGL 351 Studies in American Film (3) *PR: ENGL 212 or instructor permission*  
 ENGL 365 Studies in Cultural Studies (3) *PR: ENGL 110 or equivalent*  
 ENGL 390 Studies in Film (3) *PR: ENGL 212 or instructor permission*  
 ENGL 465 Senior Seminar in Cultural Studies (3) *PR: ENGL 110 or equivalent; open to seniors, with instructor permission*  
 ENGL 490 Senior Seminar in Film (3) *PR: ENGL 110 or equivalent; open to seniors, with instructor permission*

**Creative Writing or Writing Rhetoric and Language: Choose one.**

**Creative Writing**

ENGL 220 Poetry Writing I (3) *PR: ENGL 110 or equivalent*  
 ENGL 223 Fiction Writing I (3) *PR: ENGL 110 or equivalent*  
 ENGL 339 Advanced Creative Writing (3) *PR: Either ENGL 220 and 377 or ENGL 223 and 378, and instructor permission*  
 ENGL 347 Writing the Novel (3) *PR: ENGL 223 or 378, and instructor permission*  
 ENGL 367 Creative Nonfiction (3) *PR: None*  
 ENGL 368 Short-Short Fiction (3) *PR: ENGL 220 or 223*

- ENGL 377 Poetry Writing II (3) *PR: ENGL 220*  
 ENGL 378 Fiction Writing II (3) *PR: ENGL 223*  
 ENGL 402 Advanced Workshop in Poetry Writing (3) *PR: ENGL 220, 377, and instructor permission.*  
 ENGL 403 Advanced Workshop in Fiction Writing (3) *PR: ENGL 223, 378, and instructor permission*  
 ENGL 406 Crazyhorse Literary Publishing Practicum (3) *PR: Either ENGL 220 and 377 or ENGL 223 and 378, and instructor permission*

### Writing, Rhetoric & Language

- ENGL 215 Interdisciplinary Composition (3) *PR: ENGL 110 or equivalent*  
 ENGL 303 Modern English Grammar (3) *PR: ENGL 110 or equivalent*  
 ENGL 305 Advanced Composition (3) *PR: ENGL 110 or equivalent*  
 ENGL 309 English Language: Grammar & History (3) *PR: ENGL 110 or equivalent*  
 ENGL 310 Theories of Teaching Writing (3) *PR: ENGL 110 or equivalent*  
 ENGL 312 History of the English Language (3) *PR: ENGL 110 or equivalent*  
 ENGL 319 Studies in Literary Theory (3) *PR: ENGL 110 or equivalent*  
 ENGL 334 Technical Writing (3) *PR: ENGL 110 or equivalent*  
 ENGL 366 Studies in Writing, Rhetoric & Language (3) *PR: ENGL 110 or equivalent*  
 ENGL 466 Senior Seminar in Writing, Rhetoric and Language (3) *PR: ENGL 110 or equivalent; open to seniors, with instructor permission*

### Theme and Genre-Centered Approaches or Author-Centered Approaches: Choose one.

#### Theme and Genre-Centered Approaches

- ENGL 320 Young Adult Literature (3) *PR: ENGL 110 or equivalent*  
 ENGL 327 The British Novel I (3) *PR: ENGL 110 or equivalent*  
 ENGL 328 The British Novel II (3) *PR: ENGL 110 or equivalent*  
 ENGL 340 Restoration and 18th-Century Drama (3) *PR: ENGL 110 or equivalent*  
 ENGL 345 19th-Century American Poetry (3) *PR: ENGL 110 or equivalent*  
 ENGL 349 American Novel to 1900 (3) *PR: ENGL 110 or equivalent*  
 ENGL 356 American Novel 1900-1965 (3) *PR: ENGL 110 or equivalent*  
 ENGL 357 Studies in Contemporary British Literature (3) *PR: ENGL 110 or equivalent*  
 ENGL 360 Major Literary Themes (3) *PR: ENGL 110 or equivalent*  
 ENGL 370 Major Literary Genres (3) *PR: ENGL 110 or equivalent*  
 ENGL 460 Senior Seminar in Major Literary Themes (3) *PR: ENGL 110 or equivalent; open to seniors, with instructor permission*  
 ENGL 470 Senior Seminar in Major Literary Genres (3) *PR: ENGL 110 or equivalent; open to seniors, with instructor permission*

#### Authored-Centered Approaches

- ENGL 302 Shakespeare (3) *PR: ENGL 110 or equivalent*  
 ENGL 304 Chaucer (3) *PR: ENGL 110 or equivalent*  
 ENGL 306 Milton (3) *PR: ENGL 110 or equivalent*  
 ENGL 350 Major Authors (3) *PR: ENGL 110 or equivalent*  
 ENGL 450 Senior Seminar in Major Authors (3) *PR: ENGL 110 or equivalent; open to seniors, with instructor permission*

### Select two courses totaling 6 hours from ENGL 300-level or above. Choose from the courses already listed or:

- ENGL 395 Special Topics (3) *PR: ENGL 110 or equivalent*  
 ENGL 399 Tutorial (1-3, Repeatable up to 12) *PR: ENGL 110 or equivalent*  
 ENGL 400 Seminar (3) *PR: ENGL 110 or equivalent*  
 ENGL 404 Independent Study (1-3, Repeatable up to 12) *PR: ENGL 110 or equivalent*  
 ENGL 495 Field Internship (1-3) *PR: ENGL 110 or equivalent*  
 ENGL 496 Undergraduate Research (1-3) *PR: ENGL 110 or equivalent*  
 ENGL 499 Bachelor's Essay (6) *PR: ENGL 110 or equivalent*

### Capstone: Select one course from the following:

- ENGL 400 Senior Seminar (3) *PR: ENGL 110 or equivalent*  
 ENGL 450 Senior Seminar in Major Authors (3) *PR: ENGL 110 or equivalent; open to seniors, with instructor permission*

ENGL 460	Senior Seminar in Major Literary Themes (3) <i>PR: ENGL 110 or equivalent; open to seniors, with instructor permission</i>
ENGL 461	Senior Seminar in Literature in History Pre-1700 (3) <i>PR: ENGL 110 or equivalent; open to seniors, with instructor permission</i>
ENGL 462	Senior Seminar in Literature in History 1700-1900 (3) <i>PR: ENGL 110 or equivalent; open to seniors, with instructor permission</i>
ENGL 463	Senior Seminar in Literature in History 1900 -Present (3) <i>PR: ENGL 110 or equivalent; open to seniors, with instructor permission</i>
ENGL 464	Senior Seminar in Difference and Literary Tradition (3) <i>PR: ENGL 110 or equivalent; open to seniors, with instructor permission</i>
ENGL 465	Senior Seminar in Cultural Studies (3) <i>PR: ENGL 110 or equivalent; open to seniors, with instructor permission: ENGL 110 or equivalent, open to seniors; with instructor permission</i>
ENGL 466	Senior Seminar in Writing, Rhetoric and Language (3) <i>PR: ENGL 110 or equivalent; open to seniors, with instructor permission</i>
ENGL 470	Senior Seminar in Major Literary Genres (3) <i>PR: ENGL 110 or equivalent; open to seniors, with instructor permission</i>
ENGL 490	Senior Seminar in Film (3) <i>PR: ENGL 110 or equivalent; open to seniors, with instructor permission</i>

**Notes:**

- For English majors, ENGL 201, 202 and 207 are pre-requisites for all courses at or above the 300-level.

**English Teacher Education Program (Grades 9-12)**

Students interested in teacher certification in English must complete both the English major and the Secondary Education Cognate major requirements. See the School of Education, Health and Human Performance section of this catalog for a listing of the required secondary education cognate major courses. Students should apply for acceptance to this program no later than the second semester of their sophomore year. Requirements for this include admission to and successful completion of the approved teacher education program. Students must successfully complete all requirements for certification in secondary education.

When declaring teacher certification in English through the Program of Study Management System (POSM), students must first select "Declare or Add a Major" and then "Secondary Education Cognate" from the major list. Once this selection is made, a second menu box will appear with a list of the associated majors. Select the English major and follow the on-screen instructions.

## English Major with Concentration in Creative Writing Requirements

Degree: Bachelor of Arts

Credit Hours: 39+

"PR" indicates a pre-requisite. "CO" indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult <http://registrar.cofc.edu/general-edu> for more information.

**Required Courses**

ENGL 201	Major British Writers I (3) <i>PR: ENGL 110 or equivalent</i>
ENGL 202	Major British Writers II (3) <i>PR: ENGL 110 or equivalent</i>
ENGL 207	American Literature to the Present (3) <i>PR: ENGL 110 or equivalent</i>
ENGL 299	Introduction to English Studies (3) <i>PR: ENGL 110 or equivalent</i>

**Complete 12 credit hours in the Declared Poetry Emphasis or complete 12 credit hours in the Declared Fiction Emphasis**

**Creative Writing Courses for Declared Poetry Emphasis**

ENGL 220	Poetry Writing I (3) <i>PR: ENGL 110 or equivalent</i>
ENGL 223	Fiction Writing I (3) <i>PR: ENGL 110 or equivalent</i>
ENGL 377	Poetry Writing II (3) <i>PR: ENGL 220</i>
ENGL 402	Advanced Workshop in Poetry Writing (3) <i>PR: ENGL 220, ENGL 337, and instructor permission</i>

**Creative Writing Courses for Declared Fiction Emphasis**

ENGL 220	Poetry Writing I (3) <i>PR: ENGL 110 or equivalent</i>
ENGL 223	Fiction Writing I (3) <i>PR: ENGL 110 or equivalent</i>
ENGL 378	Fiction Writing II (3) <i>PR: ENGL 223</i>

ENGL 403 Advanced Workshop in Fiction Writing (3) *PR: ENGL 223, ENGL 378, and instructor permission*

**Select one additional Creative Writing course at the 300-level or above:**

ENGL 347 Writing the Novel (3) *PR: ENGL 223 or 378, and instructor permission*

ENGL 367 Creative Nonfiction (3) *PR: None*

ENGL 368 Short-Short Fiction (3) *PR: ENGL 220 or 223*

ENGL 377 Poetry Writing II (3) *PR: ENGL 220 (If not used for Declared Poetry Emphasis)*

ENGL 378 Advanced Fiction Writing (3) *PR: ENGL 223 (If not used for Declared Fiction Emphasis)*

ENGL 406 Crazyhorse Literary Publishing Practicum (3) *PR: Either ENGL 220 and 377 or ENGL 223 and 378 and instructor permission*

**Note:** *Special topics, independent studies and internships as approved by the program director may also count for this requirement.*

**Select one course from each of the following areas:**

**Literature in History, Pre-1900: Choose one.**

ENGL 314 The Sixteenth Century (3) *PR: ENGL 110 or equivalent*

ENGL 317 The Seventeenth Century (3) *PR: ENGL 110 or equivalent*

ENGL 337 British Drama to 1642 (3) *PR: ENGL 110 or equivalent*

ENGL 342 Literature of the American Revolution and Early Republic (3) *PR: ENGL 110 or equivalent*

ENGL 361 Studies in Literature in History pre-1700 (3) *PR: ENGL 110 or equivalent*

ENGL 461 Senior Seminar in Literature in History Pre-1700 (3) *PR: ENGL 110 or equivalent; open to seniors, with instructor permission*

ENGL 318 The Eighteenth Century (3) *PR: ENGL 110 or equivalent*

ENGL 321 The Romantic Period (3) *PR: ENGL 110 or equivalent*

ENGL 323 The Victorian Period (3) *PR: ENGL 110 or equivalent*

ENGL 343 American Renaissance (3) *PR: ENGL 110 or equivalent*

ENGL 344 Late 19th Century American Literature (3) *PR: ENGL 110 or equivalent*

ENGL 362 Studies in Literature in History 1700-1900 (3) *PR: ENGL 110 or equivalent*

ENGL 462 Senior Seminar in Literature in History 1700-1900 (3) *PR: ENGL 110 or equivalent; open to seniors, with instructor permission*

**Literature in History, 1900-present: Choose one.**

ENGL 325 Modern British Literature (3) *PR: ENGL 110 or equivalent*

ENGL 326 Irish Literature (3) *PR: ENGL 110 or equivalent*

ENGL 335 Modern Poetry (3) *PR: ENGL 110 or equivalent*

ENGL 341 20th Century Southern Literature (3) *PR: ENGL 110 or equivalent*

ENGL 346 Contemporary American Fiction (3) *PR: ENGL 110 or equivalent*

ENGL 356 American Novel 1900-1965 (3) *PR: ENGL 110 or equivalent*

ENGL 359 American Poetry since 1945 (3) *PR: ENGL 110 or equivalent*

ENGL 363 Studies in Literature in History 1900-Present (3) *PR: ENGL 110 or equivalent*

ENGL 463 Senior Seminar in Literature in History 1900-present (3) *PR: ENGL 110 or equivalent; open to seniors, with instructor permission*

**Select a total of 6 credit hours from two of the following three categories:**

**Category 1: Difference and Literary Tradition or Film and Cultural Studies:**

**Difference and Literary Tradition**

ENGL 216 Intro to African American Literature (3) *PR: ENGL 110 or equivalent*

ENGL 226 Survey of World Literature (3) *PR: ENGL 110 or equivalent*

ENGL 233 Survey of Non-Western 20th Century Literature (3) *PR: ENGL 110 or equivalent*

ENGL 234 Survey of Third World Masterpieces (3) *PR: ENGL 110 or equivalent*

ENGL 313 African American Literature (3) *PR: ENGL 110 or equivalent*

ENGL 336 Women Writers (3) *PR: ENGL 110 or equivalent*

ENGL 352 Major African Writers (3) *PR: ENGL 110 or equivalent*

ENGL 353 African Women Writers (3) *PR: ENGL 110 or equivalent*

ENGL 358 Colonial and Postcolonial British Literature (3) *PR: ENGL 110 or equivalent*

ENGL 364 Studies in Difference and Literary Tradition (3) *PR: ENGL 110 or equivalent*

ENGL 464 Senior Seminar in Difference and Literary Tradition (3) *PR: ENGL 110 or equivalent; open to seniors, with instructor permission*

**Film & Cultural Studies**

ENGL 212	The Cinema: History and Criticism (3) <i>PR: ENGL 110 or equivalent</i>
ENGL 351	Studies in American Film (3) <i>PR: ENGL 212 or instructor permission</i>
ENGL 365	Studies in Cultural Studies (3) <i>PR: ENGL 110 or equivalent</i>
ENGL 390	Studies in Film (3) <i>PR: ENGL 212 or permission of the instructor</i>
ENGL 465	Senior Seminar in Cultural Studies (3) <i>PR: ENGL 110 or equivalent; open to seniors, with instructor permission</i>
ENGL 490	Senior Seminar in Film (3) <i>PR: ENGL 110 or equivalent; open to seniors, with instructor permission</i>

**Category 2: Writing, Rhetoric and Language:**

ENGL 215	Interdisciplinary Composition (3) <i>PR: ENGL 110 or equivalent</i>
ENGL 303	Modern English Grammar (3) <i>PR: ENGL 110 or equivalent</i>
ENGL 305	Advanced Composition (3) <i>PR: ENGL 110 or equivalent</i>
ENGL 309	English Language: Grammar & History (3) <i>PR: ENGL 110 or equivalent</i>
ENGL 310	Theories of Teaching Writing (3) <i>PR: ENGL 110 or equivalent</i>
ENGL 312	History of the English Language (3) <i>PR: ENGL 110 or equivalent</i>
ENGL 319	Studies in Literary Theory (3) <i>PR: ENGL 110 or equivalent</i>
ENGL 334	Technical Writing (3) <i>PR: ENGL 110 or equivalent</i>
ENGL 366	Studies in Writing, Rhetoric & Language (3) <i>PR: ENGL 110 or equivalent</i>
ENGL 466	Senior Seminar in Writing, Rhetoric and Language (3) <i>PR: ENGL 110 or equivalent; open to seniors, with instructor permission</i>

**Category 3: Theme, Genre or Author-Centered Approaches:**

ENGL 302	Shakespeare (3) <i>PR: ENGL 110 or equivalent</i>
ENGL 304	Chaucer (3) <i>PR: ENGL 110 or equivalent</i>
ENGL 306	Milton (3) <i>PR: ENGL 110 or equivalent</i>
ENGL 320	Young Adult Literature (3) <i>PR: ENGL 110 or equivalent</i>
ENGL 327	The British Novel I (3) <i>PR: ENGL 110 or equivalent</i>
ENGL 328	The British Novel II (3) <i>PR: ENGL 110 or equivalent</i>
ENGL 340	Restoration and 18th Century Drama (3) <i>PR: ENGL 110 or equivalent</i>
ENGL 345	19th-Century American Poetry (3) <i>PR: ENGL 110 or equivalent</i>
ENGL 349	American Novel to 1900 (3) <i>PR: ENGL 110 or equivalent</i>
ENGL 350	Major Authors (3) <i>PR: ENGL 110 or equivalent</i>
ENGL 356	American Novel 1900-1965 (3) <i>PR: ENGL 110 or equivalent</i>
ENGL 357	Studies in Contemporary British Literature (3) <i>PR: ENGL 110 or equivalent</i>
ENGL 360	Major Literary Themes (3) <i>PR: ENGL 110 or equivalent</i>
ENGL 370	Major Literary Genres (3) <i>PR: ENGL 110 or equivalent</i>
ENGL 460	Senior Seminar in Major Literary Themes (3) <i>PR: ENGL 110 or equivalent; open to seniors, with instructor permission</i>
ENGL 470	Senior Seminar in Major Literary Genres (3) <i>PR: ENGL 110 or equivalent; open to seniors, with instructor permission</i>
ENGL 450	Senior Seminar in Major Authors (3) <i>PR: ENGL 110 or equivalent; open to seniors, with instructor permission</i>

**Notes:**

- For English majors, ENGL 201, 202 and 207 are pre-requisites for all courses at or above the 300-level.

## Exercise Science Major Requirements

Degree: Bachelor of Science

Credit Hours: 71+

"PR" indicates a pre-requisite. "CO" indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult <http://registrar.cofc.edu/general-edu> for more information.

**Required Courses**

BIOL 201	Human Physiology (4) <i>PR: BIOL 111/111L; BIOL 112/112L</i>
BIOL 202	Human Anatomy (4) <i>PR: BIOL 111/111L; BIOL 112/112L</i>



MATH 104 Elementary Statistics (3) *PR: MATH 101 or placement*

**OR**

MATH 250 Statistical Methods (3) *PR: Either MATH 111, 120 or instructor permission*

**Core Requirements**

EXSC 201 Introduction to Health and Human Performance (cross-listed with PEHD 201) (3) *PR: None*

EXSC 210 Concepts in Fitness Assessment and Exercise Prescription (3) *PR: None*

EXSC 330 Kinesiology (3) *PR: BIOL 202; EXSC 201 or PEHD 201*

EXSC 340 Exercise Physiology and Lab (4) *PR: BIOL 201; EXSC 201 or PEHD 201*

EXSC 433 Research Design & Analysis (3) *PR: EXSC 330; EXSC 340; MATH 104 or 250*

EXSC 440 Biomechanics (3) *PR: EXSC 201 or PEHD 201; EXSC 330; PHYS 101*

EXSC 498 Capstone in Exercise Science (2) *PR: EXSC 433; permission of instructor*

PEHD 458 Organization and Administration in Health and Human Performance (3) *PR: Senior standing; EXSC 201 or PEHD 201*

**24 credit hours selected from the following:**

ATEP 365 General Medical Conditions in Athletics (3) *PR: ATEP 345; BIOL 201; or instructor permission*

ATEP 430 Therapeutic Exercise (3) *PR: ATEP 245; ATEP 345; EXSC 330; BIOL 201; BIOL 202; or BIOL 201; BIOL 202; EXSC 201; EXSC 330; or instructor permission* CO: ATEP 430L

ATEP 430L Therapeutic Exercise Lab (1) CO: ATEP 430

ATEP 437 Therapeutic Modalities (3) *PR: ATEP 245 or EXSC 201; ATEP 345; CO: ATEP 437L*

ATEP 437L Therapeutic Modalities Lab (1) CO: ATEP 437

EXSC 401 Independent Study (3) *PR: EXSC 201 or PEHD 201; instructor permission*

EXSC 438 Advanced Topics in Resistance Training and Conditioning (3) *PR: BIOL 201, 202; EXSC 340; or instructor permission.*

EXSC 439 Advanced Topics in Exercise Physiology (3) *PR: EXSC 340; or instructor permission.*

EXSC 444 Scientific Writing and Data Analysis (3) *PR: Senior standing*

HEAL 216 Personal & Community Health (3) *PR: None*

HEAL 333 Sports and Exercise Nutrition (3) *PR: BIOL 201*

HEAL 350 Epidemiology (3) *PR: HEAL 215*

PEHD 235 Motor Learning (3) *PR: None*

PEHD 355 Sports Psychology (3) *PR: EXSC 201 or PEHD 201; PSYC 103*

Cognate Requirement (12 credit hours- 8 credit hours of CHEM and 4 credit hours of PHYS or 4 credit hours of CHEM and 8 credit hours of PHYS)

CHEM 111 Principles of Chemistry (3) *PR or CO: Unless students exempt MATH 111 (via diagnostic testing) or have completed this course as a pre-requisite, they are required to take MATH 111 as a co-requisite. CO: CHEM 111L*

CHEM 111L Principles of Chemistry Lab (1) CO: CHEM 111

PHYS 101 Introductory Physics (3) *PR: None; CO: PHYS 101L*

PHYS 101L Introductory Physics Lab (1) CO: PHYS 101

**AND**

CHEM 112 Principles of Chemistry (3) *PR: CHEM 111 and 111L; CO: CHEM 112L*

CHEM 112L Principles of Chemistry Lab (1) CO: CHEM 112

**OR**

PHYS 102 Introductory Physics (3) *PR: PHYS 101 or PHYS 111 or HONS 157; CO: PHYS 102L*

PHYS 102L Introductory Physics Lab (1) CO: PHYS 102

# Finance Major Requirements

Degree: Bachelor of Science

Credit Hours: 60+

"PR" indicates a pre-requisite. "CO" indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult <http://registrar.cofc.edu/general-edu> for more information.

## Required Courses

ACCT 203	Financial Accounting (3) <i>PR: Sophomore standing</i>
ACCT 204	Managerial Accounting (3) <i>PR: Sophomore standing; ACCT 204</i>
BLAW 205	Legal Environment of Business (3) <i>PR: Sophomore standing</i>
DSCI 232	Business Statistics (3) <i>PR: MATH 104 or 250</i>
DSCI 304	Production and Operations Management (3) <i>PR: Junior standing; DSCI 232, MGMT 301, MATH 103 or 250, MATH 105 or 120</i>
ECON 200	Principles of Microeconomics (3) <i>PR: None</i>
ECON 201	Principles of Macroeconomics (3) <i>PR: ECON 200</i>
FINC 303	Business Finance (3) <i>PR: Junior standing; ACCT 203, 204, ECON 200, 201, MATH 104 or 250; (DSCI 232 suggested)</i>
FINC 313	Management of Financial Institutions (3) <i>PR: Junior standing; ACCT 203, 204, ECON 200, 201, FINC 303, MATH 104 or 250</i>
FINC 315	Intermediate Business Finance (3) <i>PR: Junior standing; ACCT 203, 204, ECON 200, 201, FINC 303, MATH 104 or 250</i>
FINC 389	Financial Management Information Systems (3) <i>PR: Junior standing; FINC 303</i>
FINC 400	Investment Analysis (3) <i>PR: Junior standing; ACCT 203, 204, DSCI 232, ECON 200, 201, FINC 303, MATH 104 or 250</i>
FINC 418	Advanced Valuation and Corporate Finance Analysis (3) <i>PR: Senior standing; FINC 303, 313, 315, 400</i>
MATH 104	Elementary Statistics (3) <i>PR: MATH 101 or placement</i>
<b>OR</b>	
MATH 250	Statistical Methods I (3) <i>PR: Either MATH 111, MATH 120 or instructor permission</i>
MATH 105	Calculus for Business and the Social Sciences (3) <i>PR: MATH 101 or placement</i>
<b>OR</b>	
MATH 120	Introductory Calculus (4) <i>PR: C- or better in MATH 111 or placement</i>
MGMT 301	Management and Organizational Behavior (3) <i>PR: Junior standing</i>
MKTG 302	Marketing Concepts (3) <i>PR: Junior standing; ECON 200, 201</i>

## Select nine credit hours from the following\*:

ACCT 316	Intermediate Accounting I (3) <i>PR: Junior standing; ACCT 203, 204</i>
ACCT 317	Intermediate Accounting II (3) <i>PR: Junior standing; ACCT 203, 204, 316</i>
ECON 305	Money and Financial Institutions (3) <i>PR: Junior standing; ECON 200, 201, MATH 105 or 120, or instructor permission</i>
ECON 317	Microeconomic Analysis (3) <i>PR: Junior standing; ECON 200, 201, MATH 120</i>
ECON 318	Macroeconomic Analysis (3) <i>PR: Junior standing; ECON 200, 201, MATH 120</i>
ECON 419	Introduction to Econometrics (3) <i>PR: Senior standing, ECON 200, 201, 317, 318; MATH 120, 250; MATH 350 or DSCI 232; or instructor permission</i>
ENTR 335	Financing New Ventures (3) <i>PR: ENTR 320; CO or PR: ENTR 321</i>
FINC 360	Special Topics in Finance (3) <i>PR: Junior standing; ACCT 203, 204, ECON 200, 201, FINC 303, MATH 104 or 250</i>
FINC 382	International Financial Management (3) <i>PR: Junior or senior standing; ECON 200, 201, FINC 303</i>
FINC 385	Individual Risk Management and Insurance (3) <i>PR: Junior standing</i>
FINC 386	Corporate Risk Management and Insurance (3) <i>PR: Junior standing; ACCT 203, 204, ECON 200, 201, FINC 303, MATH 104 or 250</i>

FINC 399	Tutorial (3, Repeatable up to 6) <i>PR: Junior standing, ACCT 203, 204, ECON 200, 201, FINC 303, MATH 104 or 250</i>
FINC 401	Fixed Income Investment Analysis (3) <i>PR: MATH 120, FINC 303, 400 or instructor permission</i>
FINC 402	Derivatives Securities (3) <i>PR: MATH 120, FINC 303, 400 or instructor permission</i>
FINC 410	Seminar in Finance (3) <i>PR: Junior Standing; ACCT 203, 204, ECON 200, 201, FINC 303, MATH 104 or 250</i>
FINC 415	Advanced Business Finance (3) <i>PR: FINC 303, 315</i>
FINC 420	Independent Study (1-3) <i>PR: Junior standing and instructor and department chair permission</i>
FINC 444	Finance Internship (3) <i>PR: Senior standing, declared major or minor in School of Business, instructor permission</i>
FINC 499	Bachelor's Essay (6) <i>PR: Senior standing and department permission</i>
MATH 203	Linear Algebra (3) <i>PR: MATH 220 or instructor permission</i>
MATH 220	Calculus II (4) <i>PR: MATH 120 or HONS 115</i>
REAL 310	Principles of Real Estate (3) <i>PR: Junior standing</i>
REAL 376	Real Estate Market Analysis (3) <i>CO or PR: Junior standing; FINC 303</i>
REAL 380	Real Estate Investment Analysis (3) <i>PR: Junior standing; ACCT 203, 204, ECON 200, ECON 201, FINC 303, REAL 310, MATH 104 or 250, or instructor permission</i>
REAL 410	Real Estate Finance (3) <i>PR: Junior standing; ACCT 203, 204, ECON 200, ECON 201, FINC 303, REAL 310, MATH 104 or 250, or instructor permission</i>

**Note:** *\*No more than 6 credit hours from non-FINC courses.*

#### NOTES:

- *The School of Business has the following admission standard: You must complete the following courses with a minimum grade of "C-": ECON 200, 201, \*MATH 104 or 250, 105 or 120, \*DSCI 232, \*ACCT 203, 204. \*Note: ECON majors must make a C- or better in MATH 120 and 250 as MATH 105 and 104 are not options in the major. ECON majors may take either MATH 350 or DSCI 232. ECON majors are not required to take ACCT 203 and 204.*
- *The business and accounting programs offered by the School of Business is accredited by The Association to Advance Collegiate Schools of Business (AACSB).*
- *MATH 120 and 250 are STRONGLY recommended for students pursuing a major in finance. For students wishing to take upper-level investment courses (i.e. FINC 401 and FINC 402), MATH 120 is required.*
- *The School of Business recommends PHIL 175 (Business and Consumer Ethics) as one of the Humanities requirements.*
- *No more than 6 credit hours from any combination of FINC 399, FINC 420, FINC 444, and FINC 499 will count toward the major.*
- *Students are not permitted to double major in Business Administration and Finance.*

## Foreign Language Education Major Requirements

Degree: Bachelor of Science

Credit Hours: 30

*"PR"* indicates a pre-requisite. *"CO"* indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult <http://registrar.cofc.edu/general-edu> for more information.

Students interested in teacher certification in foreign language education (PK-12) must complete a content language education cognate major in a foreign language along with the foreign language education major requirements. This is available to students who major in Classics (B.A.) (for Latin certification), French and Francophone Studies, German, and Spanish.

When declaring teacher certification the Program of Study Management System (POSM), students must first select "Declare or Add a Major" and then "Secondary Education Cognate" from the major list. Once this selection is made, a second menu box will appear with a list of the associated majors. Select the major and follow the on-screen instructions.

#### Required Courses

COMM 104	Public Speaking (3) <i>PR: None</i>
EDFS 201*	Foundations of Education (3) <i>PR: Sophomore standing</i>

**NOTE:** *\*EDFS 201 is pre-requisite to all other education courses with a grade of C or better.*

EDFS 303*	Human Growth and the Education Process (3) <i>PR: EDFS 201</i>
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EDFS 326*	Integrating Technology into Teaching (3) PR: EDFS 201
EDFS 330*	Classroom and Behavior Management (3) PR: EDFS 201 and junior standing
EDFS 456*	Teaching Strategies in the Content Areas (3) PR: EDFS 201

**Note:** \*Candidates who have received credit for PSYC 224 (previously listed as PSYC 311) prior to beginning a teacher education program should not take EDFS 303 (credit will not be awarded). Students must enroll in the Secondary sections for each of the courses marked with an asterisk. (See associate department chair to register for courses.) Each course requires a school-based field experience. Students will need a 3-hour block of time per week between the hours of 7 a.m. and 2 p.m. Monday through Friday to complete each school-based experience.

### Clinical Practice Internship Requirement

**Note:** Candidates must complete all education requirements and all requirements for their language education cognate major prior to beginning the internship. See the requirements for each language education cognate major.

EDFS 460*	Clinical Practice in the Content Area (12) PR: Admission to a teacher education program and completion of all education requirements
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**Note:** \*Students seeking recommendation for South Carolina certification in Foreign Language Education must complete the program of study above and meet the admission, retention, and exit requirements of the program and the School of Education, Health, and Human Performance. Recommendation to the South Carolina Department of Education for certification in South Carolina is contingent upon successful completion of Clinical Practice and achievement of passing scores on the necessary Praxis II test(s) and the Oral Proficiency Interview (OPI) for recommendation (please note that the OPI is not required for students majoring in Classics seeking Latin certification).

## French and Francophone Studies Major Requirements

Degree: Bachelor of Arts

Credit Hours: 33+

"PR" indicates a pre-requisite. "CO" indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult <http://registrar.cofc.edu/general-edu> for more information.

### Required Courses

FREN 313*	French Conversation and Grammar (3) PR: FREN 202 or instructor permission
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**AND**

FREN 314*	French Conversation and Composition (3) PR: FREN 202 or instructor permission
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**OR**

FREN 350**	Intensive French Conversation and Composition (6) PR: FREN 202 or instructor permission
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**AND**

FREN 495	Capstone Seminar (3) PR: FREN 313, 314, and two 400-level FREN courses, senior standing, or department chair permission
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**Note:** \*Some French and Francophone Studies majors may, with the department chair's approval, replace the requirements of 313 and 314 with 400-level courses. Native speakers may be required to substitute FREN 313 and FREN 314 with 400-level courses.

\*\*FREN 350 Intensive Conversation and Composition may be taken in lieu of 313 and 314 and is usually available in study abroad programs.

### Select one course from the following:

FREN 320	A Survey of Francophone Literature (3) PR: FREN 313 and 314
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FREN 326	A Survey of Francophone Civilization (3) PR: FREN 313 and 314
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### Select one course from the following:

FREN 321	A Survey of French Literature (3) PR: FREN 313 and 314
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FREN 327	A Survey of French Civilization (3) PR: FREN 313 and 314
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FREN 363	Advanced French Culture (3) PR: FREN 313 and FREN 314 or instructor permission
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### Select one additional course from the following:

FREN 320	A Survey of Francophone Literature (3) PR: FREN 313 and FREN 314
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FREN 321	A Survey of French Literature (3) PR: FREN 313 and FREN 314
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FREN 326	A Survey of Francophone Civilization (3) PR: FREN 313 and FREN 314
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FREN 327	A Survey of French Civilization (3) PR: FREN 313 and FREN 314
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FREN 363 Advanced French Culture (3) *PR: FREN 313 and FREN 314 or instructor permission*

**Select 9 credit hours of 400-level courses from the following:**

- FREN 431 The Middle Ages and the Renaissance in France (3) *PR: FREN 313 and FREN 314, and either FREN 320 or 321; or instructor permission*
- FREN 432 Literature of the 17th Century (3) *PR: FREN 313 and FREN 314, and either FREN 320 or 321; or instructor permission*
- FREN 434 Literature of the 18th Century (3) *PR: FREN 313 and FREN 314, and either FREN 320 or 321; or instructor permission*
- FREN 435 Literature of the 19th Century (3) *PR: FREN 313 and FREN 314, and either FREN 320 or 321; or instructor permission*
- FREN 437 Literature of the 20th Century (3) *PR: FREN 313 and FREN 314, and either FREN 320 or 321; or instructor permission*
- FREN 443 The Novel in France (3) *PR: FREN 313 and FREN 314, and either FREN 320 or 321; or instructor permission*
- FREN 451 African Literature of French Expression (3) *PR: FREN 313 and FREN 314, and either FREN 320 or 321; or instructor permission*
- FREN 452 Literature of the Maghreb (3) *PR: FREN 313 and FREN 314, and either FREN 320 or 321; or instructor permission*
- FREN 482 French and Francophone Women Writers (3) *PR: FREN 313 and FREN 314, and either FREN 320 or 321; or instructor permission*
- FREN 490 Special Topics in French (3) *PR: FREN 313 and FREN 314, and either FREN 320 or 321; or instructor permission*
- FREN 491 Topics in Contemporary French and Francophone Cultures (3) *PR: FREN 313 and FREN 314, and either FREN 320 or 321; or instructor permission*
- FREN 496 Directed Reading (1-3) *PR: FREN 313 and FREN 314 and one of the following: FREN 320, 321, 326, 327, 363; or instructor permission*
- FREN 498 Independent Study (1-3) *PR: Instructor permission*
- FREN 499 Bachelor's Essay (6) *PR: Department chair permission*

**Elective Requirement: Select 6 credit hours at the 300 or 400-level. Students should consult with their faculty advisor to select courses for this requirement.**

- FREN 320 A Survey of Francophone Literature (3) *PR: FREN 313 and FREN 314; or instructor permission*
- FREN 321 A Survey of French Literature (3) *PR: FREN 313 and FREN 314; or instructor permission*
- FREN 326 A Survey of Francophone Civilization (3) *PR: FREN 313 and FREN 314; or instructor permission*
- FREN 327 A Survey of French Civilization (3) *PR: FREN 313 and FREN 314; or instructor permission*
- FREN 330 Collateral Study (1-3) *PR: Instructor permission*
- FREN 341 Phonetics and Advance Language Study (3) *PR: FREN 313 and FREN 314, and either FREN 320 or 321; or instructor permission*
- FREN 342 Advanced French Grammar (3) *PR: FREN 313 and FREN 314; or instructor permission*
- FREN 360 French Language Study Abroad (3) *PR: FREN 202 or FREN 250, or instructor permission*
- FREN 361 Current Issues in France or the French Speaking World (3) *PR: FREN 202 or FREN 250, or instructor permission*
- FREN 363 Advanced French Culture (3) *PR: FREN 313 and FREN 314; or instructor permission*
- FREN 370 Studies in French and Francophone Literature and Film (3) *PR: FREN 313 and FREN 314; or instructor permission*
- FREN 380 Le Concept De Marketing (3) *PR: FREN 313 and FREN 314*
- FREN 381 French for World Business I (3) *PR: FREN 313 and FREN 314*
- FREN 382 French for World Business II (3) *PR: FREN 313 and FREN 314*
- FREN 390 Special Topics in French (3) *PR: FREN 313 and FREN 314, and either FREN 320 or 321; or instructor permission*
- FREN 431 The Middle Ages and the Renaissance in France (3) *PR: FREN 313 and FREN 314, and either FREN 320 or 321; or instructor permission*
- FREN 432 Literature of the 17th Century (3) *PR: FREN 313 and FREN 314, and either FREN 320 or 321; or instructor permission*
- FREN 434 Literature of the 18th Century (3) *PR: FREN 313 and FREN 314, and either FREN 320 or 321; or instructor permission*
- FREN 435 Literature of the 19th Century (3) *PR: FREN 313 and FREN 314, and either FREN 320 or 321; or instructor permission*

FREN 437	Literature of the 20th Century (3) <i>PR: FREN 313 and FREN 314, and either FREN 320 or 321; or instructor permission</i>
FREN 443	The Novel in France (3) <i>PR: FREN 313 and FREN 314, and either FREN 320 or 321; or instructor permission</i>
FREN 451	African Literature of French Expression (3) <i>PR: FREN 313 and FREN 314, and either FREN 320 or 321; or instructor permission</i>
FREN 452	Literature of the Maghreb (3) <i>PR: FREN 313 and FREN 314, and either FREN 320 or 321; or instructor permission</i>
FREN 482	French and Francophone Women Writers (3) <i>PR: FREN 313 and FREN 314, and either FREN 320 or 321; or instructor permission</i>
FREN 490	Special Topics in French (3) <i>PR: FREN 313 and FREN 314, and either FREN 320 or 321; or instructor permission</i>
FREN 491	Topics in Contemporary French and Francophone Cultures (3) <i>PR: FREN 313 and FREN 314, and either FREN 320 or 321; or instructor permission</i>
FREN 496	Directed Reading (1-3) <i>PR: FREN 313 and FREN 314 and one of the following: FREN 320, 321, 326, or 327; or instructor permission</i>
FREN 498	Independent Study (1-3) <i>PR: Instructor permission</i>
FREN 499	Bachelor's Essay (6) <i>PR: Department chair permission</i>

**Notes:**

- *Students seeking a major in French and Francophone Studies must take 12 credit hours at the 300-level or higher at the College of Charleston or its approved programs overseas.*
- *Majors in French and Francophone Studies are required to take a proficiency exam during their last year prior to graduation. Information about the nature of the exam and the schedule for each semester is available in the department and on its website.*

**French Teacher Education Program (Grades PK-12)**

Students interested in teacher certification in foreign language must complete both the French and Francophone Studies major and the Foreign Language Education major requirements. See the School of Education, Health and Human Performance section of this catalog for a listing of the required foreign language education major courses.

After declaration of a major in French and Francophone Studies, students interested in teacher certification in foreign language must meet with the director of certification and clinical practice, School of Education, Health, and Human Performance, 843-953-5613. Students must take EDFS 201 during their sophomore year and apply for acceptance into this program no later than the second semester of their sophomore year. In addition to meeting with an assigned advisor in French and Francophone Studies, candidates in all languages must meet with Dr. Shawn Morrison, 404 J.C. Long Building, morrisonsh@cofc.edu, for additional information as soon as possible. Requirements include:

- admission to and successful completion of the approved Teacher Education Program
- a passing score on PRAXIS II World Language Test in French
- a passing score on the Praxis II Principles of Learning and Teaching Test
- a rating of Advanced Low in French on the official OPI test
- and the successful completion of the content major in French, with its specific course requirements and GPA requirements (see below).

In order to be admitted to the Clinical Internship (EDFS 460), candidates must have met the following requirements:

- Completion of all French and Francophone Studies course requirements for the French and Francophone Studies major in Education.
- 3.00 GPA in French and Francophone Studies courses
- 3.00 GPA in EDFS courses
- 2.50 overall GPA

When declaring teacher certification in French and Francophone Studies through the Program of Study Management System (POSM), students must first select "Declare or Add a Major" and then "Secondary Education Cognate" from the major list. Once this selection is made, a second menu box will appear with a list of the associated majors. Select the French and Francophone Studies major and follow the on-screen instructions.

## French and Francophone Studies Major Requirements for Teacher Certification

Credit Hours: 33+

French and Francophone Studies Education Majors must complete the following two courses as their 6 credit hour Elective Requirement:

- FREN 341      Phonetics and Advance Language Study (3) *PR: FREN 313 and FREN 314, and either FREN 320 or 321; or instructor permission*
- FREN 342      Advanced French Grammar (3) *PR: FREN 313 and FREN 314; or instructor permission*

## Geology (B.A.) Major Requirements

Degree: Bachelor of Arts

Credit Hours: 59+

"PR" indicates a pre-requisite. "CO" indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult <http://registrar.cofc.edu/general-edu> for more information.

### Required Courses

- GEOL 101      Dynamic Earth (3) *PR: None; CO: GEOL 101L*
- GEOL 101L     Dynamic Earth Lab (1) *CO: GEOL 101*
- OR**
- GEOL 103      Environmental Geology (3) *PR: None; CO: GEOL 103L*
- GEOL 103L     Environmental Geology Lab (1) *CO: GEOL 103*
- GEOL 105      Earth History (3) *PR: GEOL 101 and 101L or GEOL 103 and 103L or HONS 155 and 155L; CO: GEOL 105L*
- GEOL 105L     Earth History Lab (1) *PR: GEOL 101L or GEOL 103L or HONS 155L; CO: GEOL 105*
- GEOL 252      Mineralogy (4) *PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L; CHEM 101 and 101L or CHEM 111 and 111L or instructor permission*
- GEOL 269      Introduction to Petrology (4) *PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L; CHEM 101 and 101L or CHEM 111 and 111L; GEOL 252 or instructor permission*
- GEOL 272      Stratigraphy and Sedimentation (4) *PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L or instructor permission*
- GEOL 333      Paleobiology (4) *PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L or instructor permission*
- GEOL 352      Structural Geology (4) *PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L; MATH 111 or 120 or instructor permission*
- GEOL 492      Senior Seminar (1) *PR: Senior standing as a GEOL major*

### Select 3 credit hours from the following:

- GEOL 206      Planetary Geology (3) *PR: GEOL 101 and 101L or GEOL 103 and 103L or HONS 155 and 155L*
- GEOL 213      Natural Hazards (3) *PR: GEOL 101 and 101L or GEOL 103 and 103L or HONS 155 and 155L*
- GEOL 235      Geology and Civilization (3) *PR: GEOL 101 and 101L or HONS 155 and 155L*
- GEOL 238      Water Resources (3) *PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L*
- GEOL 240      Special Topics in Geology (1-4) *PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L or instructor permission*

### Select 4 credit hours from the following with a maximum of 3 credit hours from GEOL 260 and 260L or 460L:

- GEOL 257      Marine Geology (4) *PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L or instructor permission. Students may not receive credit for both GEOL 107 and 257.*
- GEOL 260      NASA Space Mission Design (2) *PR: GEOL 101 and 101L or GEOL 103 and 103L or HONS 155 and 155L and GEOL 206 or instructor permission; CO: GEOL 260L or GEOL 460L*
- GEOL 260L     NASA Space Mission Design Lab (1) *PR: GEOL 206 or instructor permission; CO: GEOL 260*

**OR**

GEOL 460L	NASA Space Mission Design Leadership Lab (1) <i>PR: Instructor permission; CO: GEOL 260</i>
GEOL 275	Geomorphology (4) <i>PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L or instructor permission</i>
GEOL 303	Independent Study in Geology (1-3) <i>PR: Junior standing or departmental approval</i>
GEOL 312	Environmental Field Methods (3) <i>PR: GEOL 101 and 101L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L and GEOL 272 or instructor permission</i>
GEOL 314	Introduction to Remote Sensing (4) <i>PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L or instructor permission</i>
GEOL 320	Earth Resources (3) <i>PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L and GEOL 252 or instructor permission</i>
GEOL 357	Oceanographic Research—The Transect Program (4) <i>PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L and GEOL 257 or instructor permission</i>
GEOL 360	Field Studies (4) <i>PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L and GEOL 252, 269, 272, and 352 or instructor permission. Under special circumstances, a student may petition the department to substitute an equivalent field experience.</i>
GEOL 411	Tectonics (3) <i>PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L and GEOL 272 and 352 or instructor permission</i>
GEOL 412	Crustal Geophysics (3) <i>PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L and MATH 120 and GEOL 352 or instructor permission</i>
GEOL 416	Paleoecology (4) <i>PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L and GEOL 272, 333, and 430 or instructor permission</i>
GEOL 430	Sedimentary Petrology (4) <i>PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L and GEOL 252 and 269 or instructor permission</i>
GEOL 434	Geology of the Carolinas (3) <i>PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L and GEOL 272 and 352 or instructor permission</i>
GEOL 438	Hydrogeology (4) <i>PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L and MATH 111 or 120 or instructor permission</i>
GEOL 440	Igneous & Metamorphic Petrology (4) <i>PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L and GEOL 252 or instructor permission</i>
GEOL 444	Quantitative Hydrogeology (3) <i>PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L and Math 220 and GEOL 438 or instructor permission</i>
GEOL 449	Geographical Information Systems (4) <i>PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L or instructor permission. Some computer experience is helpful.</i>

**Chemistry Requirement: Complete 8 credit hours in one of the following two options:**

**Option 1**

CHEM 111 Principles of Chemistry (3) *PR or CO: unless students exempt MATH 111 (via diagnostic testing) or have completed this course as a pre-requisite, they are required to take MATH 111 as a co-requisite; CO: CHEM 111L*

CHEM 111L Principles of Chemistry Lab (1) *CO: CHEM 111*

**AND**

CHEM 112 Principles of Chemistry (3) *PR: CHEM 111 and 111L; CO: CHEM 112L*

CHEM 112L Principles of Chemistry Lab (1) *CO: CHEM 112L*

**OR**

GEOL 250 Introduction to Geochemistry (4) *PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L and CHEM 101 and 101L or CHEM 111 and 111L; CO: GEOL 250L*

GEOL 250L Introduction to Geochemistry Lab (0) *CO: GEOL 250*

**Option 2**

CHEM 101 General Chemistry (3) *PR: None; CO: CHEM 101L*

CHEM 101L General Chemistry Lab (1) *CO: CHEM 101*



**AND**

GEOL 250 Introduction to Geochemistry (4) *PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L and CHEM 101 and 101L or CHEM 111 and 111L; CO: GEOL 250L*

GEOL 250L Introduction to Geochemistry Lab (0) *CO: GEOL 250*

**Complete a sequence of 8 credit hours in either Physics or Biology:**

PHYS 101 Introductory Physics I (3) *PR: None; CO: PHYS 101L*

PHYS 101L Introductory Physics Lab (1) *CO: PHYS 101L*

**AND**

PHYS 102 Introductory Physics II (3) *PR: PHYS 101 or PHYS 111 or HONS 157; CO: PHYS 102L*

PHYS 102L Introductory Physics Lab (1) *CO: PHYS 102L*

**OR**

PHYS 111 General Physics I (3) *PR or CO: MATH 120 or equivalent or instructor permission; CO: PHYS 111L*

PHYS 111L General Physics I Lab (1) *CO: PHYS 111 or instructor permission*

**AND**

PHYS 112 General Physics II (3) *PR: PHYS 111 and 111L; PR or CO: MATH 220 or equivalent or instructor permission; CO: PHYS 112L*

PHYS 112L General Physics II Lab (1) *CO: PHYS 112 or instructor permission*

**OR**

BIOL 101 Concepts and Applications in Biology I (4) *PR: None; CO: BIOL 101L*

BIOL 101L Concepts and Applications in Biology I Lab (0) *CO: BIOL 101*

**AND**

BIOL 102 Concepts and Applications in Biology II (4) *PR: BIOL 101 and 101 lab; CO: BIOL 102L*

BIOL 102L Concepts and Applications in Biology II Lab (0) *CO: BIOL 102*

**OR**

BIOL 111 Introduction to Cell and Molecular Biology (3) *PR: None; CO: BIOL 111L*

BIOL 111L Introduction to Cell and Molecular Biology Lab (1) *CO: BIOL 111*

**AND**

BIOL 112 Evolution, Form, and Function of Organisms (3) *PR: BIOL 111 and 111L; CO: BIOL 112L*

BIOL 112L Evolution, Form, and Function of Organisms Lab (1) *CO: BIOL 112*

**Math Requirement**

MATH 111 Pre-Calculus Mathematics (4) *PR: C- or better in MATH 101 or placement*

**OR**

MATH 120 Introductory Calculus (4) *PR: C- or better in MATH 111 or placement*

MATH 250 Statistical Methods I (3) *PR: Either MATH 111, 120 or instructor permission*

**Optional: Students may also select an emphasis in Environmental Geosciences.****Environmental Geosciences Emphasis (12 credit hours)****Required Courses**

GEOL 438 Hydrogeology (4) *PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L and MATH 111 or 120 or instructor permission*

GEOL 441 Pollution in the Environment (4) *PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L and CHEM 111 and 111L and CHEM 112 and 112L or GEOL 250 or CHEM 101 and 101L and GEOL 250 or instructor permission*

**Select 4 credit hours from the following:**

GEOL 257 Marine Geology (4) *PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L or instructor permission. Students may not receive credit for both GEOL 107 and 257.*

GEOL 275	Geomorphology (4) <i>PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L or instructor permission</i>
GEOL 303	Independent Study in Geology (1-3) <i>PR: Junior standing or departmental approval</i>
GEOL 312	Environmental Field Methods (3) <i>PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L and GEOL 272 or instructor permission</i>
GEOL 314	Introduction to Remote Sensing (4) <i>PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L or instructor permission</i>
GEOL 320	Earth Resources (3) <i>PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L and GEOL 252 or instructor permission</i>
GEOL 360	Field Studies (4) <i>PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L and GEOL 252, 269, 272, and 352 or instructor permission. Under special circumstances, a student may petition the department to substitute an equivalent field experience.</i>
GEOL XXX	Other suitable electives as approved by the department. Consult with your faculty advisor.

**Notes:**

- *Computer science courses and Geology 360: Field Studies are recommended.*

## Geology (B.S.) Major Requirements

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Degree: Bachelor of Science

Credit Hours: 65+

"PR" indicates a pre-requisite. "CO" indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult <http://registrar.cofc.edu/general-edu> for more information.

**Required Courses:**

GEOL 101	Dynamic Earth (3) <i>PR: None; CO: GEOL 101L</i>
GEOL 101L	Dynamic Earth Lab (1) <i>CO: GEOL 101</i>
<b>OR</b>	
GEOL 103	Environmental Geology (3) <i>PR: None; CO: GEOL 103L</i>
GEOL 103L	Environmental Geology Lab (1) <i>CO: GEOL 103</i>
GEOL 105	Earth History (3) <i>PR: GEOL 101 and 101L or GEOL 103 and 103L or HONS 155 and 155L; CO: GEOL 105L</i>
GEOL 105L	Earth History Lab (1) <i>PR: GEOL 101L or GEOL 103L or HONS 155L; CO: GEOL 105</i>
GEOL 252	Mineralogy (4) <i>PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L; CHEM 101 and 101L or CHEM 111 and 111L or instructor permission</i>
GEOL 269	Introduction to Petrology (4) <i>PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L; CHEM 101 and 101L or CHEM 111 and 111L; GEOL 252 or instructor permission</i>
GEOL 272	Stratigraphy and Sedimentation (4) <i>PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L or instructor permission</i>
GEOL 333	Paleobiology (4) <i>PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L or instructor permission</i>
GEOL 352	Structural Geology (4) <i>PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L; MATH 111 or 120 or instructor permission</i>
GEOL 360	Field Studies (4) <i>PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L and GEOL 252, 269, 272, and 352 or instructor permission. Under special circumstances, a student may petition the department to substitute an equivalent field experience.</i>
GEOL 492	Senior Seminar (1) <i>PR: Senior standing as a GEOL major</i>

**Select 3 credit hours from the following:**

GEOL 206	Planetary Geology (3) <i>PR: GEOL 101 and 101L or GEOL 103 and 103L or HONS 155 and 155L</i>
GEOL 213	Natural Hazards (3) <i>PR: GEOL 101 and 101L or GEOL 103 and 103L or HONS 155 and 155L</i>
GEOL 235	Geology and Civilization (3) <i>PR: GEOL 101 and 101L or HONS 155 and 155L</i>
GEOL 238	Water Resources (3) <i>PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L</i>

GEOL 240 Special Topics in Geology (1-4) *PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L or instructor permission*

**Select 6 credit hours from the following with a maximum of 3 credit hours from GEOL 260 and 260L or 460L:**

GEOL 257 Marine Geology (4) *PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L or instructor permission. Students may not receive credit for both GEOL 107 and 257.*

GEOL 260 NASA Space Mission Design (2) *PR: GEOL 101 and 101L or GEOL 103 and 103L or HONS 155 and 155L and GEOL 206 or instructor permission; CO: GEOL 260L or GEOL 460L*

GEOL 260L NASA Space Mission Design Lab (1) *PR: GEOL 260 or instructor permission; CO: GEOL 260*

**OR**

GEOL 460L NASA Space Mission Design Leadership Lab (1) *PR: Instructor permission; CO: GEOL 260*

GEOL 275 Geomorphology (4) *PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L or instructor permission*

GEOL 303 Independent Study in Geology (1-3) *PR: Junior standing or departmental approval*

GEOL 312 Environmental Field Methods (3) *PR: GEOL 101 and 101L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L and GEOL 272 or instructor permission*

GEOL 314 Introduction to Remote Sensing (4) *PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L or instructor permission*

GEOL 320 Earth Resources (3) *PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L and GEOL 252 or instructor permission*

GEOL 357 Oceanographic Research—The Transect Program (4) *PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L and GEOL 257 or instructor permission*

GEOL 360 Field Studies (4) *PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L and GEOL 252, 269, 272, and 352 or instructor permission. Under special circumstances, a student may petition the department to substitute an equivalent field experience.*

GEOL 411 Tectonics (3) *PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L and GEOL 272 and 352 or instructor permission*

GEOL 412 Crustal Geophysics (3) *PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L and MATH 120 and GEOL 352 or instructor permission*

GEOL 416 Paleocology (4) *PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L and GEOL 272, 333, and 430 or instructor permission*

GEOL 430 Sedimentary Petrology (4) *PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L and GEOL 252 and 269 or instructor permission*

GEOL 434 Geology of the Carolinas (3) *PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L and GEOL 272 and 352 or instructor permission*

GEOL 438 Hydrogeology (4) *PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L and MATH 111 or 120 or instructor permission*

GEOL 440 Igneous & Metamorphic Petrology (4) *PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L and GEOL 252 or instructor permission*

GEOL 444 Quantitative Hydrogeology (3) *PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L and Math 220 and GEOL 438 or instructor permission*

GEOL 449 Geographical Information Systems (4) *PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L or instructor permission. Some computer experience is helpful.*

**Chemistry Requirement**

CHEM 111 Principles of Chemistry (3) *PR or CO: unless students exempt MATH 111 (via diagnostic testing) or have completed this course as a pre-requisite, they are required to take MATH 111 as a co-requisite; CO: CHEM 111L*

CHEM 111L Principles of Chemistry Lab (1) *CO: CHEM 111*

**AND**

CHEM 112 Principles of Chemistry (3) *PR: CHEM 111 and 111L; CO: CHEM 112L*

CHEM 112L Principles of Chemistry Lab (1) *CO: CHEM 112L*

**OR**

GEOL 250 Introduction to Geochemistry (4) *PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L and CHEM 101 and 101L or CHEM 111 and 111L; CO: GEOL 250L*

GEOL 250L Introduction to Geochemistry Lab (0) *CO: GEOL 250*

**Complete a sequence of 8 credit hours in either Physics or Biology:**

PHYS 101 Introductory Physics I (3) *PR: None; CO: PHYS 101L*

PHYS 101L Introductory Physics Lab (1) *CO: PHYS 101L*

**AND**

PHYS 102 Introductory Physics II (3) *PR: PHYS 101 or PHYS 111 or HONS 157; CO: PHYS 102L*

PHYS 102L Introductory Physics Lab (1) *CO: PHYS 102L*

**OR**

PHYS 111 General Physics I (3) *PR or CO: MATH 120 or equivalent or instructor permission; CO: PHYS 111L*

PHYS 111L General Physics I Lab (1) *CO: PHYS 111 or instructor permission*

**AND**

PHYS 112 General Physics II (3) *PR: PHYS 111 and 111L; PR or CO: MATH 220 or equivalent or instructor permission; CO: PHYS 112L*

PHYS 112L General Physics II Lab (1) *CO: PHYS 112 or instructor permission*

**OR**

BIOL 101 Concepts and Applications in Biology I (4) *PR: None; CO: BIOL 101L*

BIOL 101L Concepts and Applications in Biology I Lab (0) *CO: BIOL 101*

**AND**

BIOL 102 Concepts and Applications in Biology II (4) *PR: BIOL 101 and 101 lab; CO: BIOL 102L*

BIOL 102L Concepts and Applications in Biology II Lab (0) *CO: BIOL 102*

**OR**

BIOL 111 Introduction to Cell and Molecular Biology (3) *PR: None; CO: BIOL 111L*

BIOL 111L Introduction to Cell and Molecular Biology Lab (1) *CO: BIOL 111*

**AND**

BIOL 112 Evolution, Form, and Function of Organisms (3) *PR: BIOL 111 and 111L; CO: BIOL 112L*

BIOL 112L Evolution, Form, and Function of Organisms Lab (1) *CO: BIOL 112*

**Math Requirement**

MATH 120 Introductory Calculus (4) *PR: C- or better in MATH 111 or placement*

MATH 220 Calculus II (4) *PR: MATH 120 or HONS 115*

**OR**

MATH 250 Statistical Methods I (3) *PR: Either MATH 111, 120 or instructor permission*

**Optional: Students may also select an emphasis in Environmental Geosciences.****Environmental Geosciences Emphasis (12 credit hours)****Required Courses**

GEOL 438 Hydrogeology (4) *PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L and MATH 111 or 120 or instructor permission*

GEOL 441 Pollution in the Environment (4) *PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L and CHEM 111 and 111L and CHEM 112 and 112L or GEOL 250 or CHEM 101 and 101L and GEOL 250 or instructor permission*

**Select 4 credit hours from the following:**

GEOL 257 Marine Geology (4) *PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L or instructor permission. Students may not receive credit for both GEOL 107 and 257.*

GEOL 275	Geomorphology (4) <i>PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L or instructor permission</i>
GEOL 303	Independent Study in Geology (1-3) <i>PR: Junior standing or departmental approval</i>
GEOL 312	Environmental Field Methods (3) <i>PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L and GEOL 272 or instructor permission</i>
GEOL 314	Introduction to Remote Sensing (4) <i>PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L or instructor permission</i>
GEOL 320	Earth Resources (3) <i>PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L and GEOL 252 or instructor permission</i>
GEOL 360	Field Studies (4) <i>PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L and GEOL 252, 269, 272, and 352 or instructor permission. Under special circumstances, a student may petition the department to substitute an equivalent field experience.</i>
GEOL XXX	Other suitable electives as approved by the department. Consult with your faculty advisor.

**Notes:**

- *Computer science courses and Geology 360 Field Studies are recommended.*

## German Major Requirements

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Degree: Bachelor of Arts

Credit Hours: 27+

"PR" indicates a pre-requisite. "CO" indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult <http://registrar.cofc.edu/general-edu> for more information.

**Required Courses**

GRMN 313	German Conversation (3) <i>PR: GRMN 202 or 250 or placement</i>
GRMN 314	German Composition and Grammar (3) <i>PR: GRMN 202 or 250 or placement</i>

**Note:** *Native speakers or students who have already achieved a high level of oral proficiency (to be determined by an oral interview with the instructor) will not be given credit for this course(s). Another course(s) will be required at or above the 300-level to fulfill the degree requirement with the approval of the German Studies Director.*

**Select 18 credit hours from GRMN 300-level or higher:**

GRMN 315	Advanced German Reading (3) <i>PR: GRMN 202, 250, placement or instructor permission</i>
GRMN 320	Special Assignment Abroad (3) <i>PR: GRMN 202, 250, placement or instructor permission</i>
GRMN 325	German Contemporary Issues (3) <i>PR: GRMN 202, 250, placement or instructor permission</i>
GRMN 326	German Media (3) <i>PR: GRMN 202, 250, placement or instructor permission</i>
GRMN 328	German Language Study Abroad (3) <i>PR: GRMN 202, 250, placement or instructor permission</i>
GRMN 329	Current Issues in Germany or the German-Speaking World (3) <i>PR: GRMN 202, 250, placement or instructor permission</i>
GRMN 330	Collateral Study (1-3) <i>PR: GRMN 202, 250, placement or instructor permission</i>
GRMN 331	German for Business (3) <i>PR: One 300-level class, placement or instructor permission</i>
GRMN 332	German in International Business (3) <i>PR: One 300-level class, placement or instructor permission</i>
GRMN 341	Advanced Grammar and Syntax (3) <i>PR: One 300-level class, placement or instructor permission</i>
GRMN 365	Introduction to Literature (3) <i>PR: One 300-level class, placement or instructor permission</i>
GRMN 390	Special Topics in German (3) <i>PR: One 300-level class, placement or instructor permission</i>

**Select one 400-level course from the following:**

GRMN 413	Advanced German Conversation (3) <i>PR: One 300-level course or instructor permission</i>
GRMN 424	German Civilization and Culture (3) <i>PR: One 300-level course or instructor permission</i>
GRMN 460	German Literary Heritage (3) <i>PR: Two 300-level courses or instructor permission</i>
GRMN 468	Studies in Modern German Literature (3) <i>PR: One 300-level course or instructor permission</i>
GRMN 472	Studies in German Cinema (3) <i>PR: One 300-level course or instructor permission</i>
GRMN 490	Special Topics in German (3) <i>PR: One 300-level course or instructor permission</i>
GRMN 496	Directed Reading (1-3) <i>PR: Instructor permission</i>
GRMN 498	Independent Study (1-3) <i>PR: One 300-level course or instructor permission</i>

HONS 499 Bachelor's Essay (6) *PR: One 300-level class or instructor permission*

**Notes:**

- *At least 15 credit hours in the major at the 200-level or above must be earned at the College of Charleston.*
- *Majors in German are required to take a proficiency exam during their last year prior to graduation. Information about the nature of the exam and the schedule for each semester is available in the department and on its website.*

**German Teacher Education Program (Grades PK-12)**

Students interested in teacher certification in foreign language must complete both the German major and the foreign language education major requirements. See the School of Education, Health and Human Performance section of this catalog for a listing of the required foreign language education major courses.

After declaration of a major in German, students interested in teacher certification in foreign language must meet with the director of certification and clinical practice, School of Education, Health, and Human Performance, 843-953-5613. Students must take EDFS 201 during their sophomore year and apply for acceptance into this program no later than the second semester of their sophomore year. In addition to meeting with an assigned advisor in German, candidates in all languages must meet with Dr. Shawn Morrison, 404 J.C. Long Building, morrisonsh@cofc.edu, for additional information as soon as possible. Requirements include:

- admission to and successful completion of the approved Teacher Education Program
- passing score on PRAXIS II World Language Test in German
- passing score on the Praxis II Principles of Learning and Teaching Test
- a rating of Advanced Low in German on the official OPI test
- and the successful completion of the content major in German, with its specific GPA requirements (see below).

In order to be admitted to the Clinical Internship (EDFS 460), candidates must have met the following requirements:

- Completion of all German course requirements for the German major in Education\*.
- 2.50 GPA in German courses
- 3.00 GPA in EDFS courses
- 2.50 overall GPA
- \*The State of South Carolina requires 30 credit hours above the 202 level in a major for certification.

When declaring teacher certification in German through the Program of Study Management System (POSM), students must first select "Declare or Add a Major" and then "Secondary Education Cognate" from the major list. Once this selection is made, a second menu box will appear with a list of the associated majors. Select the German major and follow the on-screen instructions.

## Historic Preservation and Community Planning Major Requirements

Degree: Bachelor of Arts

Credit Hours: 39+

*"PR"* indicates a pre-requisite. *"CO"* indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult <http://registrar.cofc.edu/general-edu> for more information.

**Required Courses**

HPCP 199 Introduction to Historic Preservation (3) *PR: None*

HPCP 299 Preservation Planning Studio (3) *PR: HPCP 199 or instructor permission*

ARTH 265 The City as a Work of Art (3) *PR: None*

**OR**

HIST 211 American Urban History (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>)*

ARTH 335 History of American Architecture (3) *PR: 6 credit hours of ARTH or ARTH 299 or HPCP 199 or instructor permission*

ARTH 338 U.S. Vernacular Architecture & Material Culture (3) *PR: 6 credit hours of ARTH or ARTH 299 or HPCP 199 or instructor permission*

- URST 310 Urban Planning (3) *PR: None*  
 HPCP 410 Internship (also satisfied by HIST 496 or URST 400) (1-6) *PR: None*  
 HPCP 415 Senior Paper/Senior Studio (3) *PR: Senior standing*

**Select 6 credit hours from the following:**

- ARTH 105 Introduction to Architecture (3) *PR: None*  
 HPCP 215 Researching Historic Properties (3) *PR: HPCP 199*  
 HPCP 275 History of Land Design (3) *PR: None*  
 HPCP 305 Building Pathology (3) *PR: HPCP 199; HPCP 299 is recommended*  
 HPCP 315 Urban Design Studio (3) *PR: URST 310 or instructor permission*  
 HPCP 319 Architectural Design Studio (3) *PR: None*  
 HPCP 375 Landscape Design Studio (3) *PR: None*  
 HPCP 420 Preservation Law and Economics (3) *PR: HPCP 199 and instructor permission*  
 HIST 323 Society and Culture of Early Charleston (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>) or instructor permission.*

**Select 9 credit hours from the following:**

- ANTH 202 Archaeology (3) *PR: None*  
 ANTH 493 Field School in Archaeology (8) *PR: ANTH 202*  
 ARTH 260 Addestone Seminar on the Arts and Culture of the Lowcountry (3) *PR: None*  
 ARTH 333 Traditional Design in Charleston (3) *PR: None*  
 ARTH 394 18th & 19th Century Architecture (3) *PR: 6 credit hours ARTH, or ARTH 299, or instructor permission*  
 ARTH 395 20th Century Architecture (3) *PR: 6 credit hours ARTH, or ARTH 299, or instructor permission*  
 ARTS 119 Drawing I (3) *PR: None*  
 ARTS 215 Photography I (3) *PR: ARTS 119*  
 ECON 307 Urban Economics (3) *PR: Junior standing; ECON 200, 201, MATH 105 or 120 or instructor permission*  
 HIST 214 American Ethnic History 1607-Present (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>)*  
 HIST 216 African American History to 1865(3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>)*  
 HIST 217 African American History since 1865 (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>)*  
 HIST 221 Women in the United States. (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>)*  
 HIST 222 History of South Carolina (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>)*  
 HIST 224 History of the South to 1865 (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>)*  
 HIST 225 History of the South since 1865 (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>)*  
 HIST 256 History of Science and Technology (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>)*  
 HIST 301 Colonial America, 1585-1763 (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>)*  
 HIST 304 History of the United States: Civil War and Reconstruction, 1845-1877 (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>)*

HIST 307	History of the United States: Cold War America, 1945-Present (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>)</i>
HIST 357	Victorian Britain (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>)</i>
HPCP 280	Conservation of Historic Materials (3) <i>PR: HPCP 199</i>
HPCP 290	Special Topics in Historic Preservation (3) <i>PR: HPCP 199</i>
HPCP 298	Autocad and Photoshop for Preservationists (3) <i>PR: None</i>
HPCP 339	History of American Interiors (3) <i>PR: HPCP 199</i>
HPCP 340	Special Topics in Historic Preservation (3) <i>PR: HPCP 199, 299</i>
HPCP 418	Historic Preservation Law (1) <i>PR: None</i>
HPCP 419	Historic Preservation Economics (1) <i>PR: None</i>
ARTH 490	Independent Study in Art History (3) <i>PR: Student must be a junior or senior art history major with an overall GPA of at least 3.00 and an art history GPA of at least 3.30</i>
POLI 305	Urbanization and Urban Geography (3) <i>PR: None</i>
POLI 322	Urban Government and Politics (3) <i>PR: POLI 101</i>
URST 201	Introduction to Urban Studies (3) <i>PR: None</i>

## History Major Requirements

Degree: Bachelor of Arts

Credit Hours: 30+

"PR" indicates a pre-requisite. "CO" indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult <http://registrar.cofc.edu/general-edu> for more information.

### Required Courses

HIST 299\* The Historian's Craft (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>)*.

**Note:** \*All majors must take HIST 299 no later than concurrently with their third history class numbered 200 or higher.

### Select one course from each of the following five areas of distribution:

#### 1. Pre-Modern: Choose one.

HIST 230	Ancient Egypt and Mesopotamia (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>)</i> .
HIST 231	Ancient Greece (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>)</i> .
HIST 232	Ancient Rome (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>)</i> .
HIST 234	Early Middle Ages (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>)</i> .
HIST 235	High Middle Ages (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>)</i> .
HIST 270	Special Topics in Pre-Modern History (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>)</i> .
HIST 272	Pre-Colonial Africa (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>)</i> .



- HIST 282 History of China to 1800 (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*
- HIST 286 History of Japan to 1800 (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*
- HIST 336 Italian Renaissance (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu> ).*
- HIST 370 Special Topics in Premodern History (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*
- HIST 470 Research Seminar in Premodern History (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>); Junior or senior standing; permission from the instructor and the department chair*

## 2. Modern Europe Since 1500: Choose one.

- HIST 241 Special Topics in Modern European History (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*
- HIST 242 History of Modern France (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*
- HIST 244 Political and Social History of Germany from 1866 to Present (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*
- HIST 247 Empire, Nation, Class in Eastern Europe (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*
- HIST 252 Women in Europe (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*
- HIST 256 History of Science and Technology (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*
- HIST 337 Age of Reformation (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*
- HIST 341 Age of Enlightenment and Revolution (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*
- HIST 343 Europe Since 1939 (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*
- HIST 344 Modern European Cultural History (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*
- HIST 345 Modern German Cultural and Intellectual History (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*
- HIST 346 History of the Soviet Union (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*
- HIST 347 Special Topics in Modern European History (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*
- HIST 357 Victorian Britain (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*

HIST 441 Research Seminar in Modern European History (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>); Junior or senior standing; permission from the instructor and the department chair.*

### 3. Modern Asia, Africa and Latin America: Choose one.

HIST 261 Special Topics in Modern Asia, Africa, or Latin America (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*

HIST 262 Colonial Latin America (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*

HIST 263 Latin America Since Independence (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*

HIST 273 Modern Africa (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*

HIST 276 Islamic Civilization (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*

HIST 277 Modern Middle East (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*

HIST 283 History of Modern China (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*

HIST 287 History of Modern Japan (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*

HIST 361 Special Topics in Modern Asia, Africa, Latin America (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*

HIST 364 Sugar and Slaves in Colonial Brazil (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*

HIST 365 Modern Brazil (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*

HIST 461 Research Seminar in Modern Asia, Africa, or Latin America (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*

### 4. United States: Choose one.

HIST 201 United States to 1865(3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*

HIST 202 United States Since 1865 (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*

HIST 210 Special Topics in U.S. History (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*

HIST 211 American Urban History (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*

HIST 212 American Labor History (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*

HIST 213 American Jewish History: Colonial Times to the Present (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*

- HIST 214 American Ethnic History: 1607 to the Present (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*
- HIST 215 Native American History (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*
- HIST 216 African American History to 1865 (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*
- HIST 217 African American History Since 1865 (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*
- HIST 218 The American West (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*
- HIST 219 Native Americans in Film (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*
- HIST 221 Women in the United States (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*
- HIST 222 History of South Carolina (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*
- HIST 224 History of the South to 1865 (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*
- HIST 225 History of the South Since 1865 (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*
- HIST 301 Colonial America, 1585-1763 (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*
- HIST 302 Era of the American Revolution, 1763-1800 (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*
- HIST 304 History of the United States: The Civil War & Reconstruction, 1845-1877 (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*
- HIST 307 History of the United States: Cold War America, 1945-Present (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*
- HIST 310 Special Topics in U.S. History (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*
- HIST 312 Diplomatic History of the United States Since 1898 (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*
- HIST 320 Special Topics in Lowcountry History (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*
- HIST 323 Society and Culture of Early Charleston (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*
- HIST 410 Research Seminar in U.S. History (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>); Junior or senior standing; permission from the instructor and the department chair.*
- HIST 420 Research Seminar in Low Country History (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>); Junior or senior standing; permission from the instructor and the department chair.*

**5. Comparative/Transnational: Choose one.**

- HIST 291 Disease, Medicine and History (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*
- HIST 359 Modern Jewish History: French Revolution to the Present (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*
- HIST 366 Comparative Slavery in the Americas (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*
- HIST 250 Special Topics in Comparative/Transnational History (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*
- HIST 256 History of Science and Technology (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*
- HIST 350 Special Topics in Comparative/Transnational History (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*
- HIST 450 Research Seminar in Comparative/Transnational History (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*

**Select 9 additional credit hours of history electives from any of the above five distribution areas.**

**Research Seminar: 3 credit hours in a capstone research seminar (normally taken in the senior year, which requires writing a substantial paper).**

- HIST 410 Research Seminar in U.S. History (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>); Junior or senior standing; permission from the instructor and the department chair.*
- HIST 420 Research Seminar in Low Country History (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>); Junior or senior standing; permission from the instructor and the department chair.*
- HIST 441 Research Seminar in Modern European History (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>); Junior or senior standing; permission from the instructor and the department chair.*
- HIST 461 Research Seminar in Modern Asia, Africa, or Latin America (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*
- HIST 470 Research Seminar in Premodern History (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>); Junior or senior standing; permission from the instructor and the department chair.*

**Notes:**

- All majors must have passed at least one 200-level course before taking a 300-level course.
- All majors must have passed at least one 300-level course before taking a 400-level course.
- All majors must have taken at least two related (one 200-level and one 300-level or two 300-level) courses before seeking permission to take a capstone research seminar, senior paper or bachelor's essay. Exceptional students and qualified students who have a particular research interest that cannot be addressed in research seminars being offered may, if authorized by the department, satisfy the requirement by completing HIST 498 Senior Paper.

**History Teacher Education Program (Grades 9-12)**

Students interested in teacher certification in social studies must complete the history major, the additional coursework required for social studies certification and the Secondary Education Cognate major requirements. See the School of Education, Health and Human Performance section of this catalog for a listing of the requirements for the additional certification coursework and the secondary education cognate major. Students should apply for acceptance to this program no later than the second semester of their sophomore year. Requirements for this include admission to and successful completion of the approved teacher education program. Students must successfully complete all requirements for certification in secondary education.

When declaring teacher certification in social studies through the Program of Study Management System (POSM), students must first select "Declare or Add a Major" and then "Secondary Education Cognate" from the major list. Once this selection is made, a second menu box will appear with a list of the associated majors. Select the history major and follow the on-screen instructions.

## Hospitality and Tourism Management Major Requirements

Degree: Bachelor of Science

Credit Hours: 60+

"PR" indicates a pre-requisite. "CO" indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult <http://registrar.cofc.edu/general-edu> for more information.

### Required Courses

ACCT 203	Financial Accounting (3) <i>PR: Sophomore standing</i>
ACCT 204	Managerial Accounting (3) <i>PR: Sophomore standing; ACCT 203</i>
BLAW 205	Legal Environment of Business (3) <i>PR: Sophomore standing</i>
DSCI 232	Business Statistics (3) <i>PR: MATH 104 or 250</i>
DSCI 320	Management Information Systems (3) <i>PR ACCT 203,204, DSCI 232, MATH 104/250; junior standing</i>
ECON 200	Principles of Microeconomics (3) <i>PR: None</i>
ECON 201	Principles of Macroeconomics (3) <i>PR: ECON 200</i>
FINC 303	Business Finance (3) <i>PR: ACCT 203, 204, ECON 200, 201, MATH 104/250; junior standing</i>
HTMT 210	Principles & Practices in Hospitality & Tourism (3) <i>PR: None</i>
HTMT 352	Service Operations Manager (3) <i>PR HTMT 210; junior standing</i>
HTMT 444	Hospitality Management Internship (3) <i>PR: Senior standing; declared major in HTMT or instructor permission</i>
HTMT 488	Strategic Hospitality and Tourism Management (3) <i>PR: ACCT 203, 204, DSCI 232, ECON 200, 201, MGMT 301, MKTG 302, FINC 303, HTMT 210, 352; senior standing</i>
MATH 104	Introductory Statistics (3) <i>PR: MATH 101 or placement</i>
<b>OR</b>	
MATH 250	Statistical Methods I (3) <i>PR: Either MATH 111, MATH 120 or instructor permission</i>
MATH 105	Calculus for Business and the Social Sciences (3) <i>PR: MATH 101 or placement</i>
<b>OR</b>	
MATH 120	Introductory Calculus (4) <i>PR: C- or better in MATH 111 or placement</i>
MGMT 301	Management and Organizational Behavior (3) <i>PR: junior standing</i>
MKTG 302	Marketing Concepts (3) <i>PR: ECON 200, 201; junior standing</i>

### At least 12 credit hours to be chosen from the following courses:

HTMT 350	Hospitality and Tourism Marketing (3) <i>PR: Junior standing; HTMT210; MKTG 302 or ARTM 370; or instructor permission</i>
HTMT 351	Hotel Management (3) <i>PR: HTMT 210; junior standing</i>
HTMT 353	Hospitality Sales and Negotiations (3) <i>PR: HTMT 350 or MKTG 302; junior standing</i>
HTMT 354	Hospitality and Tourism Technology (3) <i>PR: Junior standing</i>
HTMT 355	Negotiations: Principles and Practices (3) <i>PR: HTMT 352 or instructor permission</i>
HTMT 360	Special Topics in Hospitality & Tourism (1-3) <i>PR: Junior standing; other pre-requisites depending on topics</i>
HTMT 361	Meeting and Conventions Management (3) <i>PR: HTMT 210, ACCT 203; junior standing</i>
HTMT 362	Events Management (3) <i>PR: HTMT 210, ACCT 203; junior standing</i>
HTMT 370	Foodservice Enterprise: Design & Development (3) <i>PR: HTMT 210; junior standing</i>
HTMT 372	Foodservice Operations Analysis (3) <i>PR: HTMT 210; junior standing</i>
HTMT 399	Tutorial (3; repeatable up to 12) <i>PR: Tutor and department chair permission; junior standing</i>
HTMT 420	Independent Study (3) <i>PR: Junior standing; written agreement with instructor and chair</i>
HTMT 499	Bachelor's Essay (6) <i>PR: Senior standing</i>
MGMT 307*	Human Resource Management (3) <i>PR: MGMT 301; junior standing</i>

MGMT 308\* Managing Diversity (3) *PR: Junior standing*  
 REAL 310\* Principles of Real Estate (3) *PR: Junior standing*

**Note:** *\*Only one of these courses can be used as an upper-level elective.*

**Notes:**

- *The School of Business has the following admission standard: You must complete the following courses with a minimum grade of "C-": ECON 200, 201, \*MATH 104 or 250, 105 or 120, \*DSCI 232, \*ACCT 203, 204. \*Note: ECON majors must make a C- or better in MATH 120 and 250 as MATH 105 and 104 are not options in the major. ECON majors may take either MATH 350 or DSCI 232. ECON majors are not required to take ACCT 203 and 204.*
- *The business and accounting programs offered by the School of Business is accredited by The Association to Advance Collegiate Schools of Business (AACSB).*

## International Business Major Requirements

Degree: Bachelor of Science

Credit Hours: 51+

"PR" indicates a pre-requisite. "CO" indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult <http://registrar.cofc.edu/general-edu> for more information.

**Required Courses**

ACCT 203 Financial Accounting (3) *PR: Sophomore standing*  
 ACCT 204 Managerial Accounting (3) *PR: Sophomore standing, ACCT 203*  
 DSCI 232 Business Statistics (3) *PR: MATH 104 or 250*  
 ECON 200 Principles of Microeconomics (3) *PR: None*  
 ECON 201 Principles of Macroeconomics (3) *PR: ECON 200*  
 ECON 303 Economics of Transportation and Geography (3) *PR: Junior standing, ECON 200, 201*  
**OR**  
 POLI 104 World Regional Geography (3) *PR: None*  
 FINC 303 Business Finance (3) *PR: Junior standing, major declaration, ACCT 203, 204, ECON 200, 201, MATH 104 or 250, DSCI 232 suggested*  
 FINC 382 International Financial Markets (3) *PR: Junior or senior standing; ECON 200, 201, and FINC 303*  
 INTB 314 Global Operations and Technology Management (3) *PR: Junior standing, DSCI 232, MGMT 301, MATH 104 or 250, MATH 105 or 120*  
 INTB 409 Global Strategic Management (3) *PR: Senior standing, ACCT 203, 204, DSCI 232, ECON 200, 201, FINC 303, INTB 314, MGMT 301*  
 MATH 104 Elementary Statistics (3) *PR: MATH 101 or placement*  
**OR**  
 MATH 250 Statistical Methods I (3) *PR: Either MATH 111, MATH 120 or instructor permission*  
 MATH 105 Calculus for Business and the Social Sciences (3) *PR: MATH 101 or placement*  
**OR**  
 MATH 120 Introductory Calculus (4) *PR: C- or better in MATH 111 or placement*  
 MGMT 301 Management and Organizational Behavior (3) *PR: Junior standing*  
 MGMT 325 International Management (3) *PR: Junior standing, MGMT 301*  
 MKTG 302 Marketing Concepts (3) *PR: Junior standing, ECON 200, 201*  
 MKTG 326 International Marketing (3) *PR: Junior standing, MKTG 302, ECON 200, 201*

**Select one course from the following or an approved business travel course:**

BLAW 309 Legal Environment of International Business (3) *PR: Junior or senior standing*  
 BLAW 360 ST: Business Law (3) *PR: Junior standing and other pre-requisites as required*  
 ECON 310 International Economics (3) *PR: Junior standing, ECON 200, 201, MATH 105 or 120, or instructor permission*  
 INTB 344 International Business Internship (3) *PR: Junior standing; International Business program director permission*  
 INTB 390 International Social Enterprise and Development (3) *PR: Junior standing; instructor permission*

INTB 420	Independent Study in International Business (1-3) <i>PR: Junior standing; instructor and chair permission</i>
INTB 499	Bachelor's Essay (6) <i>PR: Senior standing; Honors student with declared International Business major</i>
MGMT 308	Managing Diversity (3) <i>PR: Junior standing</i>
MKTG 333	Purchasing and Supply Chain Management (3) <i>PR: Junior standing</i>
TRAN 312	Global Logistics (3) <i>PR: Junior standing, ECON 200, 201</i>

**Note:** Any additional courses, including special topics courses not listed in the Undergraduate Catalog and which pertain to the field of International Business, may be used to satisfy this requirement, with the approval of the director of the International Business program.

**The international business degree program requires a study abroad experience. All International Business students are required to spend one semester or summer in a study abroad or overseas internship or earn a minimum of 6 credit hours to be arranged with the Program Director and with the provision of an alternative exemption based on special circumstances.**

**An internationally focused minor must also be completed for this major. Select from Global Logistics and Transportation; International, African, Asian, European, German, Italian, Japanese, Latin American and Caribbean, or Russian Studies; French and Francophone Studies, Italian, Spanish, or German Language; Business Language in Spanish, or Business Language in French.**

## AFRICAN STUDIES MINOR

**Credit hours: 18**

**At least 9 credit hours at the 200-level or above must be earned at the College of Charleston.**

### Required courses:

AFST101	Introduction to African Civilization (3) <i>PR: None</i>
HIST 272	Pre-Colonial Africa (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>

### OR

HIST 273	Modern Africa (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
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### Select 12 credit hours from the following:

AFST 202	Special Topics in African Studies (3) <i>PR: None</i>
ANTH 322	Peoples and Cultures of Africa (3) <i>PR: ANTH 101 or instructor permission</i>
ENGL 352	Major African Writers (3) <i>PR: ENGL 110 or equivalent</i>
ENGL 353	African Women Writers (3) <i>PR: ENGL 110 or equivalent</i>
FREN 451	African Literature of French Expression (3) <i>PR: FREN 313, 314, and either FREN 320 or 321 or instructor permission</i>
LTXX XXX	Any 200-level Literature in Translation survey course (i.e., LTPO, LTRS, LTFR, etc.) as long as the course contains more than one-third African content.
LTAR 220	Modern Arabic Fiction (3) <i>PR: None</i>
LTAR 250	Arabic Literature in (English) Translation (3) <i>PR: None</i>
LTFR 250	Francophone Literature in (English) Translation (3) <i>PR: None</i>
POLI 266	International Diplomacy Studies (3) <i>PR: None</i>
POLI 342	Politics of Africa (3) <i>PR: None</i>

**Note:** Departmental special topics, tutorials, and independent study courses will also be offered as appropriate.

## ASIAN STUDIES MINOR

**Credit hours: 18**

### Required courses:

ASST 101	Introduction to Asian Studies (3) <i>PR: None</i>
<b>OR</b>	
ARTH 103	History of Asian Art (3) <i>PR: None</i>

**OR**

ASST 105 Value and Tradition in Asian Civilization (3) *PR: None*

**Select 15 credit hours from the following:**

**The elective courses must be chosen from at least three different disciplines and with no more than 12 credit hours in one geographic region (for example, South Asia, Southeast Asia, China or Japan). Language courses beyond the 200-level may count toward the minor. No more than 6 credit hours at the 100- level may count toward the minor.**

- ARBC 313 Conversation and Composition I (3) *PR: ARBC 202 or placement*
- ARBC 314 Conversation and Composition II (3) *PR: ARBC 313 or placement*
- ARST 240 Special Topics in Arabic Studies (3) *PR: None*
- ARST 340 Special Topics in Arabic Studies (3) *PR: None*
- ARTH 103 History of Asian Art (3) *PR: None*
- ARTH 241 History of the Art of India (3) *PR: None*
- ARTH 242 History of the Art of China (3) *PR: None*
- ARTH 243 History of the Art of Japan (3) *PR: None*
- ARTH 321 Hindu Myth and Image (3) *PR: 6 credit hours of art history courses or ARTH 299 or instructor permission*
- ARTH 322 Indian Paintings (3) *PR: 6 credit hours of art history courses or ARTH 299 or instructor permission*
- ASST 240 Special Topics in Asian Studies (3) *PR: None*
- ASST 340 Special Topics in Asian Studies (3) *PR: None*
- ASST 390 Independent Study in Asian Studies (3) *PR: None*
- CHNS 313 Conversation and Composition I (3) *PR: CHNS 202 or placement*
- CHNS 314 Conversation and Composition II (3) *PR: CHNS 313 or placement*
- CHNS 390 Special Topics in Chinese Literature (3) *PR: CHNS 313 or 314 or instructor permission*
- ENGL 234 Survey of Third World Masterpieces (3) *PR: ENGL 110 or equivalent*
- ENGL 290 Special Topics (as appropriate to Asian studies) (3) *PR: ENGL 110 or equivalent*
- ENGL 358 Colonial and Postcolonial British Literature (3) *PR: ENGL 110 or equivalent*
- HIST 250 Special Topics in Comparative/Transnational History (as appropriate to Asian Studies) (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*
- HIST 261 Special Topics in Modern Asia, Africa or Latin America (as appropriate to Asian Studies) (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*
- HIST 276 Medieval Islamic Civilization (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*
- HIST 282 China to 1800 (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*
- HIST 283 Modern China (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*
- HIST 286 Japan to 1800 (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*
- HIST 287 Modern Japan (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*
- HIST 350 Special Topics in Comparative/Transnational History (as appropriate to Asian Studies) (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*
- HIST 361 Special Topics in Modern Asia, Africa or Latin America (as appropriate to Asian Studies) (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*
- HIST 461 Research Seminar in Modern Asia, Africa, or Latin America (as appropriate to Asian Studies ) (3) *PR: Junior or senior standing, instructor permission and department chair permission, one course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*



JPNS 313	Conversation and Composition I (3) <i>PR: JPNS 202 or placement</i>
JPNS 314	Conversation and Composition II (3) <i>PR: JPNS 313 or placement</i>
JPNS 343	Advanced Japanese Conversation and Composition (3) <i>PR: JPNS 314 or instructor permission</i>
JPNS 390	Special Topics (3) <i>PR: None</i>
LTAR 220	Modern Arabic Fiction in Translation (3) <i>PR: None</i>
LTCH 250	Chinese Literature in (English) Translation (3) <i>PR: None</i>
LTJP 250	Japanese Literature in (English) Translation (3) <i>PR: None</i>
LTJP 350	Japanese Literature in (English) Translation (3) <i>PR: None</i>
LTJP 390	Special Topics in Japanese Literature in Translation (3) <i>PR: None</i>
PHIL 234	Eastern Philosophy (3) <i>PR: None</i>
POLI 343	Politics of East Asia (3) <i>PR: None</i>
POLI 359	Special Topics (as appropriate to Asian Studies) (3) <i>PR: None</i>
RELS 205	Sacred Texts of the East (3) <i>PR: None</i>
RELS 240	The Buddhist Tradition (3) <i>PR: None</i>
RELS 248	Religious Traditions of China and Japan (3) <i>PR: None</i>
RELS 340	Advanced Topics in Asian Religions (3) <i>PR: Either 3 credit hours in religious studies or instructor permission</i>
RELS 348	Asian Religions in America (3) <i>PR: Either 3 credit hours in religious studies or instructor permission</i>

## EUROPEAN STUDIES MINOR

**Credit hours: 18**

**Required courses:**

**Cluster A: History and Ideas (3 credit hours)**

**Cluster B: Languages, Literature, Culture (3 credit hours)**

**Cluster C: Economics, Politics, Society (3 credit hours)**

**Electives (6 credit hours)**

**European Studies 400 Capstone Course (3 credit hours)**

**Note:** 6 credit hours of electives must be taken from Cluster A, B, or C with the following restrictions: no more than 6 credit hours from one cluster, no more than 3 credit hours from one discipline, and no more than 6 credit hours devoted to the study of one country may count towards the 18-hour minor. In order to complete this minor, students will take HIST 101 and 102 (or HONS 120 and 130) or their equivalents and a European language.

**Note:** Each semester, departments offer relevant special topics courses. When appropriate, special topics courses will count towards the minor.

**Students should consult with the director of the program to determine if a special topics course may count towards the minor. Students may also need to fulfill pre-requisites before they take certain upper-level courses in some departments.**

**Cluster A: History and Ideas**

**Select one 3 credit hour course from the following:**

HIST 231	Ancient Greece (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 232	Ancient Rome (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 234	Early Middle Ages (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 235	High Middle Ages (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 242	History of Modern France (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>

HIST 244	Political and Social History of Germany from 1866 to Present (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 252	Women in Europe (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 256	History of Science and Technology (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 291	Disease, Medicine and History (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 336	Italian Renaissance (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 337	Age of Reformation (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 341	Age of Enlightenment and Revolution (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 344	Modern European Cultural History (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 345	Modern German Cultural and Intellectual History (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 346	History of the Soviet Union (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 357	Victorian Britain (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
PHIL 201	History of Ancient Philosophy (3) <i>PR: 3 credit hours of PHIL</i>
PHIL 202	History of Modern Philosophy (3) <i>PR: 3 credit hours of PHIL</i>
PHIL 203	Philosophy of Human Nature (3) <i>PR: None</i>
PHIL 205	Existentialism (3) <i>PR: None</i>
PHIL 240	Jewish Philosophy (3) <i>PR: None. This course may not be taken for credit if credit has been received for JWST 240</i>
PHIL 250	Marxism (3) <i>PR: None</i>
PHIL 304	Nineteenth Century Philosophy (3) <i>PR: Either 6 credit hours of PHIL other than 120 or instructor permission</i>
PHIL 306	20th Century Analytical Philosophy (3) <i>PR: Either 6 credit hours of PHIL other than 120 or instructor permission</i>
PHIL 307	20th Century Continental Philosophy (3) <i>PR: Either 6 credit hours of PHIL other than 120 or instructor permission</i>
RELS 202	The New Testament: History and Interpretation (3) <i>PR: None</i>
RELS 225	The Jewish Tradition (3) <i>PR: None. This course may not be taken for credit if credit has been received for JWST 200</i>
RELS 230	The Christian Tradition (3) <i>PR: None</i>
RELS 335	Western Esotericism (3) <i>PR: Either 3 credit hours in religious studies or instructor permission</i>
SOCY 260	Development of Social Thought (3) <i>PR: SOCY 101 or 102</i>

### Cluster B: Languages, Literature, Culture

#### Select one 3 credit hour course from the following:

ENGL 201	Major British Writers I (3) <i>PR: ENGL 110 or equivalent</i>
ENGL 202	Major British Writers II (3) <i>PR: ENGL 110 or equivalent</i>
ENGL 203	Survey of European Literature I (3) <i>PR: ENGL 110 or equivalent</i>
ENGL 204	Survey of European Literature II (3) <i>PR: ENGL 110 or equivalent</i>
ENGL 302	Shakespeare (3) <i>PR: ENGL 110 or equivalent</i>

ENGL 304	Chaucer (3) <i>PR: ENGL 110 or equivalent</i>
ENGL 306	Milton (3) <i>PR: ENGL 110 or equivalent</i>
ENGL 312	History of the English Language (3) <i>PR: ENGL 110 or equivalent</i>
ENGL 314	The Sixteenth Century (3) <i>PR: ENGL 110 or equivalent</i>
ENGL 317	The Seventeenth Century (3) <i>PR: ENGL 110 or equivalent</i>
ENGL 318	The Eighteenth Century (3) <i>PR: ENGL 110 or equivalent</i>
ENGL 321	The Romantic Period (3) <i>PR: ENGL 110 or equivalent</i>
ENGL 323	The Victorian Period (3) <i>PR: ENGL 110 or equivalent</i>
ENGL 325	Modern British Literature (3) <i>PR: ENGL 110 or equivalent</i>
ENGL 326	Irish Literature (3) <i>PR: ENGL 110 or equivalent</i>
ENGL 327	The British Novel I (3) <i>PR: ENGL 110 or equivalent</i>
ENGL 328	The British Novel II (3) <i>PR: ENGL 110 or equivalent</i>
ENGL 335	Modern Poetry (3) <i>PR: ENGL 110 or equivalent</i>
ENGL 337	British Drama to 1642 (3) <i>PR: ENGL 110 or equivalent</i>
ENGL 340	Restoration and 18th Century Drama (3) <i>PR: ENGL 110 or equivalent</i>
ENGL 350	Major Authors (3) <i>PR: ENGL 110 or equivalent</i>
ENGL 357	Studies in Contemporary British Literature (3) <i>PR: ENGL 110 or equivalent</i>
ENGL 360	Major Literary Themes (3) <i>PR: ENGL 110 or equivalent</i>
LTFR 150	French Literature in (English) Translation (3) <i>PR: None</i>
LTGR 150	German Literature in (English) Translation (3) <i>PR: None</i>
LTGR 250	German Literature in (English) Translation (3) <i>PR: None</i>
LTGR 270	Studies in German Film (3) <i>PR: None</i>
LTGR 450	German Literature in (English) Translation (3) <i>PR: None</i>
LTIT 150	Italian Literature in (English) Translation (3) <i>PR: None</i>
LTIT 250	Italian Literature in (English) Translation (3) <i>PR: None</i>
LTIT 350	Italian Literature in (English) Translation (3) <i>PR: None</i>
ITAL 370	Studies in Film and Italian Literature (English) (3) <i>PR: None</i>
LTIT 450	Italian Literature in (English) Translation (3) <i>PR: None</i>
LTRS 150	Russian Literature in (English) Translation (3) <i>PR: None</i>
LTRS 250	Russian Literature in (English) Translation (3) <i>PR: None</i>
LTRS 270	Studies in Russian Film (3) <i>PR: None</i>
LTRS 350	Russian Literature in (English) Translation (3) <i>PR: None</i>
LTRS 450	Russian Literature in (English) Translation (3) <i>PR: None</i>
CLAS 242	Images of Women in Classical Antiquity (3) <i>PR: None</i>
CLAS 253	Ancient Epic (3) <i>PR: None</i>
CLAS 254	Tragedy (3) <i>PR: None</i>
CLAS 255	Comedy (3) <i>PR: None</i>
CLAS 256	Ancient Satire (3) <i>PR: None</i>
CLAS 270	The Romans in Cinema (3) <i>PR: None</i>
CLAS 301	Topics in Ancient Greek Literature (3) <i>PR: 3 credit hours in Classics or instructor permission</i>
CLAS 302	Topics in Latin Literature (3) <i>PR: 3 credit hours in Classics or instructor permission</i>
CLAS 303	Topics in Classical Civilization (3) <i>PR: 3 credit hours in Classics or instructor permission</i>
ARTH 220	History of Greek and Roman Art (3) <i>PR: None</i>
ARTH 225	Medieval Art (3) <i>PR: None</i>
ARTH 265	The City as a Work of Art (3) <i>PR: None</i>
ARTH 277	Renaissance Art (3) <i>PR: None</i>
ARTH 280	History of Baroque Art (3) <i>PR: None</i>
ARTH 285	Modern Art (3) <i>PR: None</i>
ARTH 301	Studies in Ancient and Medieval Art (3) <i>PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission</i>
ARTH 303	Studies in Renaissance and Baroque Art (3) <i>PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission</i>
ARTH 306	Studies in Modern, Contemporary, and Film Arts (3) <i>PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission</i>

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ARTH 350	History of Early Christian and Byzantine Art (3) <i>PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission</i>
ARTH 355	History of Early Medieval and Romanesque Art (3) <i>PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission</i>
ARTH 360	History of Gothic Art (3) <i>PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission</i>
ARTH 362	History of Medieval Manuscript Illumination (3) <i>PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission</i>
ARTH 365	History of Northern Renaissance Painting (3) <i>PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission</i>
ARTH 370	History of Italian Early Renaissance Art (3) <i>PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission</i>
ARTH 375	History of Italian High and Late Renaissance Art (3) <i>PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission</i>
ARTH 381	Spanish Baroque Painting and Sculpture (3) <i>PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission</i>
ARTH 385	History of European Painting, 1700-1850 (3) <i>PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission</i>
ARTH 389	19th Century European Art (3) <i>PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission</i>
ARTH 390	20th Century European Art (3) <i>PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission</i>
ARTH 394	History of the 18th and 19th Century Architecture (3) <i>PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission</i>
ARTH 395	History of 20th Century Architecture (3) <i>PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission</i>
MUSC 230	Masterworks of Music Literature (3) <i>PR: MUSC 131 or instructor permission</i>
MUSC 337	Opera Literature (3) <i>PR: MUSC 131 or 230 or instructor permission</i>
MUSC 381	Music History I (3) <i>PR: MUSC 247 or instructor permission</i>
MUSC 382	Music History II (3) <i>PR: MUSC 381 or instructor permission; for minors in music, MUSC 246 is the pre-requisite</i>
MUSC 481	Music Theory III (3) <i>PR: MUSC 247</i>
MUSC 482	Music Theory IV (3) <i>PR: MUSC 481</i>
THTR 310	Theatre History and Literature to 1750 (3) <i>PR: Junior or senior standing</i>
THTR 311	Theatre History and Literature after 1750 (3) <i>PR: Junior or senior standing</i>
THTR 318	History of Fashion and Manners (3) <i>PR: None</i>
THTR 387	The Contemporary Theatre (3) <i>PR: None</i>
THTR 388	Dramatic Theory and Criticism (3) <i>PR: None</i>
FREN 220*	Special Assignment Abroad (1-3, to be determined by Chair) <i>PR: instructor and department chair permission</i>
FREN 320*	A Survey of Francophone Literature (3) <i>PR: FREN 313 and 314 or instructor permission</i>
FREN 321*	A Survey of French Literature (3) <i>PR: FREN 313 and 314 or instructor permission</i>
FREN 326*	A Survey of Francophone Civilization (3) <i>PR: FREN 313 and 314 or instructor permission</i>
FREN 327*	A Survey of French Civilization (3) <i>PR: FREN 313 and 314 or instructor permission</i>
FREN 330*	Collateral Study (3) <i>PR: Instructor permission</i>
FREN 360*	French Language Study Abroad (3) <i>PR: FREN 202 or 250, or instructor permission</i>
FREN 361*	Current Issues in France or the French Speaking World (3) <i>PR: FREN 202 or 250, or instructor permission</i>
FREN 363*	Advanced French Culture (3) <i>PR: FREN 202 or 250, or instructor permission</i>
FREN 370*	Studies in French and Francophone Literature and Film (3) <i>PR: FREN 313 and 314; or instructor permission</i>
FREN 431*	The Middle Ages and the Renaissance in France (3) <i>PR: FREN 313 and 314, and either FREN 320 or 321; or instructor permission</i>
FREN 432*	Literature of the 17th Century (3) <i>PR: FREN 313 and 314, and either FREN 320 or 321; or instructor permission</i>
FREN 434*	Literature of the 18th Century (3) <i>PR: FREN 313 and 314, and either FREN 320 or 321; or instructor permission</i>
FREN 435*	Literature of the 19th Century (3) <i>PR: FREN 313 and 314, and either FREN 320 or 321; or instructor permission</i>
FREN 437*	Literature of the 20th Century (3) <i>PR: FREN 313 and 314, and either FREN 320 or 321; or instructor permission</i>

- FREN 443\* The Novel in France (3) *PR: FREN 313 and 314, and either FREN 320 or 321; or instructor permission*
- FREN 482\* French and Francophone Women Writers (3) *PR: FREN 313 and 314, and either FREN 320 or 321; or instructor permission*
- GRMN 320\* Special Assignment Abroad (3) *PR: GRMN 202, 250, placement or instructor permission*
- GRMN 325\* German Contemporary Issues (3) *PR: GRMN 202, 250, placement or instructor permission*
- GRMN 326\* German Media (3) *PR: GRMN 202, 250, placement or instructor permission*
- GRMN 328\* German Language Study Abroad (3) *PR: GRMN 202, 250, placement or instructor permission*
- GRMN 329\* Current Issues in Germany or the German-Speaking World (3) *PR: GRMN 202, 250, placement or instructor permission*
- GRMN 365\* Introduction to Literature \* (3) *PR: One 300-level class, placement or instructor permission*
- GRMN 424 \* German Civilization and Culture (3) *PR: One 300-level course or instructor permission*
- GRMN 460\* German Literary Heritage (3) *PR: Two 300-level courses or instructor permission*
- GRMN 468\* Studies in Modern German Literature (3) *PR: One 300-level course or instructor permission*
- GRMN 472\* Studies in German Cinema (3) *PR: One 300-level course or instructor permission*
- GREK 203\* New Testament Greek (3) *PR: None*
- GREK 371\* Readings in Greek Literature: Poetry (3) *PR: Two 200-level Greek courses*
- GREK 372\* Readings in Greek Literature: Prose (3) *PR: Two 200-level Greek courses*
- ITAL 328\* Italian Language Study Abroad (3) *PR: None*
- ITAL 361\* Survey of Italian Literature I (3) *PR: ITAL 202 or instructor permission*
- ITAL 362 \* Survey of Italian Literature II (3) *PR: ITAL 202 or instructor permission*
- ITAL 452 \* 20th-Century Italian Literature (3) *PR: ITAL 313 or 314 or instructor permission*
- LATN 301\* Introduction to Latin Literature (3) *PR: LATN 202 or 250 or placement*
- LATN 305\* Medieval Latin (3) *PR: LATN 301*
- LATN 321\* Cicero (3) *PR: LATN 301*
- LATN 322\* Virgil (3) *PR: LATN 301*
- LATN 323 \* Roman Historiography (3) *PR: LATN 301*
- LATN 371\* Roman Comedy (3) *PR: LATN 301*
- LATN 372\* Roman Satire (3) *PR: LATN 301*
- LATN 373 \* Roman Biography (3) *PR: LATN 301*
- SPAN 320\* Introduction to the Study of Hispanic Literature (3) *PR: SPAN 313, and one of the following SPAN 312, 314, 328, or instructor permission*
- SPAN 328\* Spanish Language Study Abroad (3) *PR: SPAN 275 or instructor permission*
- SPAN 361\* Survey of Spanish Literature I (3) *PR: SPAN 320 or instructor permission*
- SPAN 362\* Survey of Spanish Literature II (3) *PR: SPAN 320 or instructor permission*
- SPAN 446\* History of the Spanish Language (3) *PR: SPAN 381 or instructor permission*
- SPAN 451\* 18th- and 19th-Century Spanish Literature (3) *PR: SPAN 320 and an additional 300-level literature course; or instructor permission*
- SPAN 452\* 20th-Century Spanish Literature (3) *PR: SPAN 320 and an additional 300-level literature course; or instructor permission*
- SPAN 453\* Don Quijote de La Mancha (3) *PR: SPAN 320 and an additional 300-level literature course; or instructor permission*
- SPAN 473\* The Golden Age (3) *PR: SPAN 320 and an additional 300-level literature course; or instructor permission*
- SPAN 474\* Contemporary Spanish Theatre (3) *PR: SPAN 320 and an additional 300-level literature course; or instructor permission*
- SPAN 475\* Medieval Literature of the Iberian Peninsula (3) *PR: SPAN 320 and an additional 300-level literature course; or instructor permission*

**Note:** \*Courses marked with an asterisk are taught in that language.

### Cluster C: Economics, Politics, Society

#### Select one 3credit hour course from the following:

- ANTH 326 Peoples and Cultures of Europe (3) *PR: ANTH 101 or instructor permission*
- ECON 308 Evolution of Economic Doctrines (3) *PR: Junior standing, ECON 200, 201, MATH 105 or 120, or instructor permission*
- ECON 310 International Economics (3) *PR: Junior standing, ECON 200, 201, MATH 105 or 120, or instructor permission*

ECON 330	Comparative Economic Systems (3) <i>PR: Junior standing, ECON 200, 201, MATH 105 or 120, or instructor permission</i>
FREN 380*	Le Concept de Marketing (3) <i>PR: FREN 313 and 314</i>
FREN 381*	French for World Business I (3) <i>PR: FREN 313 and 314</i>
FREN 382*	French for World Business II (3) <i>PR: FREN 313 and 314</i>
GRMN 331*	German for Business (3) <i>PR: None</i>
GRMN 332*	German in International Business (3) <i>PR: None</i>
INTB 314	Global Operations and Technology Management (3) <i>PR: Junior standing, DSCI 232, MGMT 301, MATH 104 or 250, MATH 105 or 120</i>
INTB 322	International Business (3) <i>PR: Junior standing, ECON 200, 201</i>
INTB 360	Special Topics in International Business (1-3) <i>PR: Junior standing</i>
INTB 409	Global Strategic Management (3) <i>PR: Senior standing, ACCT 203, 204, DSCI 232, ECON 200, 201, FINC 303, INTB 314, MGMT 301, MKTG 302, 326, MATH 104 or 250, 105 or 120</i>
MGMT 325	International Management (3) <i>PR: Junior standing, MGMT 301</i>
MGMT 391	The International Corporation: A Comparative Approach (3) <i>PR: Junior standing, ECON 200, 201 or instructor permission</i>
MKTG 326	International Marketing (3) <i>PR: Junior standing, MKTG 302, ECON 200, 201</i>
POLI 352	Geographies and Politics of the European Union (3) <i>PR: None</i>
SPAN 316*	Applied Spanish (3) <i>PR: SPAN 313, 314 or 312 or 328, or 350 or instructor permission</i>
SPAN 318*	Spanish for International Business (3) <i>PR: SPAN 313, and one of the following SPAN 312, 314, 328, or instructor permission</i>
TRAN 432	Global Logistics Systems Management (3) <i>PR: Senior standing, TRAN 311, 312, INTB 322, ECON 200, 201</i>

**Note:** \*Courses marked with an asterisk are taught in that language.

#### Capstone: 3 credit hours

EUST 400	European Studies Capstone (3) <i>PR: HIST 101 and 102 or their equivalents and a European language</i>
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## FRENCH AND FRANCOPHONE STUDIES MINOR

**Credit hours: 18+**

**At least 9 credit hours at the 200-level or above must be earned at the College of Charleston.**

#### Required courses:

FREN 313	French Conversation and Grammar (3) <i>PR: FREN 202 or instructor permission</i>
FREN 314	French Conversation and Composition (3) <i>PR: FREN 202 or instructor permission</i>

**Note:** Some French majors may be exempt from this requirement by permission of the department chair. Native speakers may be required, upon instructor's approval, to substitute FREN 313, 314, and 350 with a 400-level course. \*FREN 350 may be taken in lieu of FREN 313 and 314, and is usually available in Study Abroad programs.

#### Select one course selected from the following:

FREN 320	A Survey of Francophone Literature (3) <i>PR: FREN 313 and 314</i>
FREN 326	A Survey of Francophone Civilization (3) <i>PR: FREN 313 and 314</i>

#### Select one course selected from the following:

FREN 321	A Survey of French Literature (3) <i>PR: FREN 313 and 314</i>
FREN 327	A Survey of French Civilization (3) <i>PR: FREN 313 and 314</i>
FREN 363	Advanced French Culture (3) <i>PR: FREN 313 and 314</i>

#### Select one additional 300-level course:

FREN 320	A Survey of Francophone Literature (3) <i>PR: FREN 313 and FREN 314</i>
FREN 321	A Survey of French Literature (3) <i>PR: FREN 313 and 314</i>
FREN 326	A Survey of Francophone Civilization (3) <i>PR: FREN 313 and FREN 314</i>
FREN 327	A Survey of French Civilization (3) <i>PR: FREN 313 and 314</i>
FREN 330	Collateral Study (1-3) <i>PR: Instructor permission</i>
FREN 341	Phonetics and Advance Language Study (3) <i>PR: FREN 313 and FREN 314, and either FREN 320 or 321; or instructor permission</i>

- FREN 342 Advanced French Grammar (3) *PR: FREN 313 and FREN 314; or instructor permission*
- FREN 360 French Language Study Abroad (3) *PR: FREN 202 or FREN 250, or instructor permission*
- FREN 361 Current Issues in France or the French Speaking World (3) *PR: FREN 202 or FREN 250, or instructor permission*
- FREN 363 Advanced French Culture (3) *PR: FREN 313 and 314*
- FREN 370 Studies in French and Francophone Literature and Film (3) *PR: FREN 313 and FREN 314; or instructor permission*
- FREN 380 Le Concept De Marketing (3) *PR: FREN 313 and FREN 314*
- FREN 381 French for World Business (3) *PR: FREN 313 and FREN 314*
- FREN 382 French for World Business II (3) *PR: FREN 313 and FREN 314*
- FREN 390 Special Topics in French (3) *PR: FREN 313 and FREN 314 and one of the following: FREN 320, 321, 326, 327, 363; or instructor permission*

**Select one course from the following 400-level courses:**

- FREN 431 The Middle Ages and the Renaissance in France (3) *PR: FREN 313 and FREN 314, and either FREN 320 or 321; or instructor permission*
- FREN 432 Literature of the 17th Century (3) *PR: FREN 313 and FREN 314, and either FREN 320 or 321; or instructor permission*
- FREN 434 Literature of the 18th Century (3) *PR: FREN 313 and FREN 314, and either FREN 320 or 321; or instructor permission*
- FREN 435 Literature of the 19th Century (3) *PR: FREN 313 and FREN 314, and either FREN 320 or 321; or instructor permission*
- FREN 437 Literature of the 20th Century (3) *PR: FREN 313 and FREN 314, and either FREN 320 or 321; or instructor permission*
- FREN 443 The Novel in France (3) *PR: FREN 313 and FREN 314, and either FREN 320 or 321; or instructor permission*
- FREN 451 African Literature of French Expression (3) *PR: FREN 313 and FREN 314, and either FREN 320 or 321; or instructor permission*
- FREN 452 Literature of the Maghreb (3) *PR: FREN 313 and FREN 314, and either FREN 320 or 321; or instructor permission*
- FREN 482 French and Francophone Women Writers (3) *PR: FREN 313 and FREN 314, and either FREN 320 or 321; or instructor permission*
- FREN 490 Special Topics in French (3) *PR: FREN 313 and FREN 314, and either FREN 320 or 321; or instructor permission*
- FREN 491 Topics in Contemporary French and Francophone Cultures (3) *PR: FREN 313 and FREN 314, and either FREN 320 or 321; or instructor permission*
- FREN 495 Capstone Seminar: Contemporary France and the Francophone World (3) *PR: Two courses completed at the 400-level; senior status or department chair permission. Instructor permission.*
- FREN 496 Directed Reading (1-3) *PR: FREN 313 and FREN 314 and one of the following: FREN 320, 321, 326, or 327; or instructor permission*
- FREN 498 Independent Study (1-3) *PR: Instructor permission*
- FREN 499 Bachelor's Essay (3) *PR: Department chair permission*

## GERMAN MINOR

**Credit hours: 18**

**At least 9 credit hours at the 200-level or above must be earned at the College of Charleston. The 18 credit hours must be above GRMN 202 or 250.**

**Required courses:**

- GRMN 313 German Conversation (3) *PR: GRMN 202 or 250 or placement*
- GRMN 314 German Composition and Grammar (3) *PR: GRMN 202 or 250 or placement*

**Select 12 credit hours from the 300-level or above:**

- GRMN 315 Advanced German Reading (3) *PR: GRMN 202, 250, placement or instructor permission*
- GRMN 320 Special Assignment Abroad (3) *PR: GRMN 202, 250, placement or instructor permission*
- GRMN 325 German Contemporary Issues (3) *PR: GRMN 202, 250, placement or instructor permission*
- GRMN 326 German Media (3) *PR: GRMN 202, 250, placement or instructor permission*

GRMN 328	German Language Study Abroad (3) <i>PR: GRMN 202, 250, placement or instructor permission</i>
GRMN 329	Current Issues in Germany or the German-Speaking World (3) <i>PR: GRMN 202, 250, placement or instructor permission</i>
GRMN 330	Collateral Study (1-3) <i>PR: GRMN 202, 250, placement or instructor permission</i>
GRMN 331	German for Business (3) <i>PR: One 300-level class, placement or instructor permission</i>
GRMN 332	German for International Business (3) <i>PR: One 300-level class, placement or instructor permission</i>
GRMN 341	Advanced Grammar and Syntax (3) <i>PR: One 300-level class, placement or instructor permission</i>
GRMN 365	Introduction to Literature (3) <i>PR: One 300-level class, placement or instructor permission</i>
GRMN 390	Special Topics in German (3) <i>PR: One 300-level class, placement or instructor permission</i>
GRMN 413	Advanced German Conversation (3) <i>PR: One 300-level course or instructor permission</i>
GRMN 424	German Civilization and Culture (3) <i>PR: One 300-level course or instructor permission</i>
GRMN 460	German Literary Heritage (3) <i>PR: Two 300-level courses or instructor permission</i>
GRMN 468	Studies in Modern German Literature (3) <i>PR: One 300-level course or instructor permission</i>
GRMN 472	Studies in German Cinema (3) <i>PR: One 300-level course or instructor permission</i>
GRMN 490	Special Topics in German (3) <i>PR: One 300-level course or instructor permission</i>
GRMN 496	Directed Reading (1-3) <i>PR: Instructor permission</i>
GRMN 498	Independent Study (1-3) <i>PR: One 300-level course or instructor permission</i>

## GERMAN STUDIES MINOR

**Credit hours: 18**

**At least 9 credit hours at the 200-level or above must be earned at the College of Charleston.**

### Required courses

LTGR 250 German Literature in (English) Translation (3) *PR: None*

**OR**

LTGR 270 Studies in German Film (3) *PR: None*

### Select 15 credit hours from the following:

ARTH 365	History of Northern Renaissance Painting (3) <i>PR: 6 credit hours of art history or ARTH 299 or instructor permission</i>
HIST 244	Political and Social History of Germany from 1866 to Present (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 344	Modern European Cultural History (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 345	Modern German Cultural and Intellectual History (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
MUSC 230	Masterworks of Music Literature (3) <i>PR: MUSC 131 or instructor permission</i>
PHIL 205	Existentialism (3) <i>PR: None</i>
PHIL 304	Nineteenth Century Philosophy (3) <i>PR: Either 6 credit hours of PHIL other than 120 or instructor permission</i>
PHIL 307	20th Century Continental Philosophy (3) <i>PR: Either 6 credit hours of PHIL other than 120 or instructor permission</i>
POLI 352	Geographies and Politics of the European Union (3) <i>PR: None</i>
LTGR 250	German Literature in (English) Translation (3) <i>PR: None</i>
LTGR 270	Studies in German Film (3) <i>PR: None</i>
GRMN 313	German Conversation (3) <i>PR: GRMN 202 or 250 or placement</i>
GRMN 314	German Composition and Grammar (3) <i>PR: GRMN 202 or 250 or placement</i>
GRMN 315	Advanced German Reading (3) <i>PR: GRMN 202, 250, placement or instructor permission</i>
GRMN 320	Special Assignment Abroad (3) <i>PR: GRMN 202, 250, placement or instructor permission</i>
GRMN 325	German Contemporary Issues (3) <i>PR: GRMN 202, 250, placement or instructor permission</i>
GRMN 326	German Media (3) <i>PR: GRMN 202, 250, placement or instructor permission</i>
GRMN 328	German Language Study Abroad (3) <i>PR: GRMN 202, 250, placement or instructor permission</i>



GRMN 329	Current Issues in Germany or the German-Speaking World (3) <i>PR: GRMN 202, 250, placement or instructor permission</i>
GRMN 330	Collateral Study (1-3) <i>PR: GRMN 202, 250, placement or instructor permission</i>
GRMN 331	German for Business (3) <i>PR: One 300-level class, placement or instructor permission</i>
GRMN 332	German for International Business (3) <i>PR: One 300-level class, placement or instructor permission</i>
GRMN 341	Advanced Grammar and Syntax (3) <i>PR: One 300-level class, placement or instructor permission</i>
GRMN 365	Introduction to Literature (3) <i>PR: One 300-level class, placement or instructor permission</i>
GRMN 390	Special Topics in German (3) <i>PR: One 300-level class, placement or instructor permission</i>
GRMN 413	Advanced German Conversation (3) <i>PR: One 300-level course or instructor permission</i>
GRMN 424	German Civilization and Culture (3) <i>PR: One 300-level course or instructor permission</i>
GRMN 460	German Literary Heritage (3) <i>PR: Two 300-level courses or instructor permission</i>
GRMN 468	Studies in Modern German Literature (3) <i>PR: One 300-level course or instructor permission</i>
GRMN 472	Studies in German Cinema (3) <i>PR: One 300-level course or instructor permission</i>
GRMN 490	Special Topics in German (3) <i>PR: One 300-level course or instructor permission</i>
GRMN 496	Directed Reading (1-3) <i>PR: Instructor permission</i>
GRMN 498	Independent Study (1-3) <i>PR: One 300-level course or instructor permission</i>

**Note:** Any additional courses, including special topics courses not listed in the Undergraduate Catalog and which pertain to the field of German studies, may count towards the minor, with the approval of the director of German studies.

## GLOBAL LOGISTICS AND TRANSPORTATION MINOR

**Credit hours: 18**

**Required courses:**

ECON 303	Economics of Transportation and Geography (3) <i>PR: Junior standing, ECON 200, 201</i>
INTB 322	International Business (3) <i>PR: Junior standing, ECON 200, 201</i>
TRAN 311	Intermodal Transportation (3) <i>PR: Junior standing, ECON 200, 201</i>
TRAN 312	Global Logistics (3) <i>PR: Junior standing, ECON 200, 201</i>
TRAN 431	Issues in Global Logistics (3) <i>PR: Senior standing, TRAN 311, 312, MGMT 322, ECON 200, 201, 303</i>
TRAN 432	Global Logistics Systems Management (3) <i>PR: Senior standing, TRAN 311, 312, INTB 322, ECON 200, 201</i>

*NOTES: Economics (ECON) 200 and 201 are pre-requisites for the courses required of this minor. Students must meet with the program director (Kent Gourdin: [gourdink@cofc.edu](mailto:gourdink@cofc.edu)) for application in the spring of their sophomore year. Students are required to have a minimum cumulative GPA of 2.50. A professional training program is also required for students in this minor.*

## INTERNATIONAL STUDIES MINOR

**Credit hours: 18**

**At least 9 credit hours at the 200-level or above must be earned at the College of Charleston.**

**Required courses:**

INTL 100	Introduction to International Studies (3) <i>PR: None</i>
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**Select one course from each of the following two categories:**

**Category I: Interdisciplinary Studies**

ASST 101	Introduction to Asian Studies (3) <i>PR: None</i>
AFST 101	Introduction to African Civilization (3) <i>PR: None</i>
LACS 101	Introduction to Latin American and Caribbean Studies (3) <i>PR: None</i>
CPLT 200	Introduction to Comparative Literature (3) <i>PR: ENGL 101 or 102, one additional literature course recommended</i>

**Category II: International Politics, History, Geography, Economics, Culture and Literature**

POLI 103	World Politics (3) <i>PR: None</i>
HONS 166	Honors World Politics (3) <i>PR: None</i>
HIST 104	World History since 1500 (3) <i>PR: HIST 103</i>

GEOG 101	World Regional Geography (cross-listed as POLI 104) (3) <i>PR: None</i>
POLI 104	World Regional Geography (cross-listed as GEOG 101) (3) <i>PR: None</i>
RELS 105	World Religions (3) <i>PR: None</i>
INTL 120	Economics of Globalization (3) <i>PR: None</i>
ENGL 233	Survey of Non-Western 20th Century Literature (3) <i>PR: None</i>

**OR**

Any 200-level Literature in Translation survey course (i.e., LTPO, LTRS, LTFR, etc.)

LTAR 220	Modern Arabic Fiction (3) <i>PR: None</i>
LTAR 221	Islamic World Literature (in English Translation) (3) <i>PR: None</i>
LTAR 250	Arabic Literature in (English) Translation (3) <i>PR: None</i>
LTAR 270	Studies in Arab Cinema (3) <i>PR: None</i>
LTCH 210	Traditional Chinese Literature in Translation (3) <i>PR: None</i>
LTCH 220	Modern Chinese Literature in Translation (3) <i>PR: None</i>
LTCH 250	Chinese Literature in (English) Translation (3) <i>PR: None</i>
LTFR 250	Francophone Literature in (English) Translation (3) <i>PR: None</i>
LTGR 250	German Literature in (English) Translation (3) <i>PR: None</i>
LTGR 270	Studies in German Film (3) <i>PR: None</i>
LTHB 250	Hebrew Literature in (English) Translation (3) <i>PR: None</i>
LTIT 250	Italian Literature in (English) Translation (3) <i>PR: None</i>
LTIT 270	Introduction to Italian Cinema (3) <i>PR: None</i>
LTJP 250	Japanese Literature in (English) Translation (3) <i>PR: None</i>
LTPO 250	Portuguese Literature in (English) Translation (3) <i>PR: None</i>
LTPO 270	Studies in Brazilian Film (3) <i>PR: None</i>
LTPO 280	Studies in Brazilian Civilization and Culture (3) <i>PR: None</i>
LTRS 210	19th century Russian Literature (3) <i>PR: None</i>
LTRS 220	20th century Russian Literature (3) <i>PR: None</i>
LTRS 250	Russian Literature in (English) Translation (3) <i>PR: None</i>
LTRS 270	Studies in Russian Film (3) <i>PR: None</i>
LTSP 250	Literature in (English) Translation (3) <i>PR: None</i>
LTSP 252	Contemporary Latin American Literature in Translation (3) <i>PR: None</i>
LTSP 254	Society, History and Culture in Spanish-American Literature (3) <i>PR: None</i>
LTSP 256	Magic and the Real: Latin American Literature and Film (3) <i>PR: None</i>

**Select 9 credit hours directed toward a specific non-US geographic area (for example, Europe, Africa, Latin America, Asia, Middle East, etc.) or theme (for example, international human rights; international economy; international security, etc.) determined in consultation with the student's International Studies advisor.**

## ITALIAN MINOR

**Credit hours: 18**

**At least 9 credit hours at the 200-level or above must be earned at the College of Charleston. The 18 credit hours must be above ITAL 202 or 250.**

**Required courses:**

ITAL 313	Italian Conversation and Composition I (3) <i>PR: ITAL 202 or placement or instructor permission</i>
ITAL 314	Italian Conversation and Composition II (3) <i>PR: ITAL 202 or placement or instructor permission</i>

**Select 3 credit hours selected from the following courses in Italian literature and culture in translation:**

LTIT 250	Italian Poetry (3) <i>PR: None</i>
LTIT 270	Introduction to Italian Cinema (3) <i>PR: None</i>
LTIT 350	Italian Literature in (English) Translation (3) <i>PR: None</i>
LTIT 370	Studies in Italian Cinema (3) <i>PR: None</i>
LTIT 450	Italian Literature in Translation (3) <i>PR: None</i>

**Select 9 credit hours from the following Italian language courses at or above the 300-level:**

ITAL 328	Italian Language Study Abroad (3) <i>PR: None</i>
ITAL 330	Collateral Study (1-3) <i>PR: Instructor permission</i>

ITAL 361	Survey of Italian Literature I (3) <i>PR: ITAL 202 or instructor permission</i>
ITAL 362	Survey of Italian Literature II (3) <i>PR: ITAL 202 or instructor permission</i>
ITAL 370	Studies in Italian Film and Literature (3) <i>PR: None</i>
ITAL 390	Special Topics in Italian (3) <i>PR: None</i>
ITAL 452	20th-Century Italian Literature (3) <i>PR: ITAL 313 or 314 or instructor permission</i>

## ITALIAN STUDIES MINOR

**Credit hours: 18**

**At least 9 credit hours at the 200-level or above must be earned at the College of Charleston.**

**The 18 credit hours must be above ITAL 202 or ITAL 250.**

### Required courses

ITAL 313	Italian Conversation & Composition I (3) <i>PR: ITAL 202 or placement or instructor permission</i>
ITAL 314	Italian Conversation & Composition II (3) <i>PR: ITAL 202 or placement or instructor permission</i>

**Select 3 credit hours selected from the following courses in Italian literature and culture in translation:**

LTIT 250	Italian Poetry (3) <i>PR: None</i>
LTIT 270	Introduction to Italian Cinema (3) <i>PR: None</i>
LTIT 350	Italian Literature in (English) Translation (3) <i>PR: None</i>
LTIT 370	Studies in Italian Cinema (3) <i>PR: None</i>
LTIT 450	Italian Literature in Translation (3) <i>PR: None</i>

**Electives: 9 credit hours selected from any LTIT course or the following:**

ARTH 277	Renaissance Art (3) <i>PR: None</i>
ARTH 280	History of Baroque Art (3) <i>PR: None</i>
ARTH 370	History of Italian Early Renaissance Art (3) <i>PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission</i>
ARTH 375	History of Italian High and Late Renaissance Art (3) <i>PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission</i>
ENGL 203	Survey of European Literature I (3) <i>PR: ENGL 110 or equivalent</i>
HIST 336	Italian Renaissance (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
MUSC 337	Opera Literature (3) <i>PR: MUSC 131 or 230 or instructor permission</i>
ITAL 328	Italian Language Study Abroad (3) <i>PR: None</i>
ITAL 330	Collateral Study (1-3) <i>PR: Instructor permission</i>
ITAL 361	Survey of Italian Literature I (3) <i>PR: ITAL 202 or instructor permission</i>
ITAL 362	Survey of Italian Literature II (3) <i>PR: ITAL 202 or instructor permission</i>
ITAL 370	Studies in Italian Film and Literature (3) <i>PR: None</i>
ITAL 390	Special Topics in Italian (3) <i>PR: None</i>
ITAL 452	20th-Century Italian Literature (3) <i>PR: ITAL 313 or 314 or instructor permission</i>

## JAPANESE STUDIES MINOR

**Credit hours: 18**

**At least 9 credit hours at the 200-level or above must be earned at the College of Charleston.**

### Required courses:

JPNS 313	Japanese Conversation and Composition I (3) <i>PR: JPNS 202 or placement</i>
JPNS 314	Japanese Conversation and Composition II (3) <i>PR: JPNS 313 or placement</i>

**Select four courses from the following:**

ARTH 103	History of Asian Art (3) <i>PR: None</i>
ARTH 243	History of the Art of Japan (3) <i>PR: None</i>

HIST 286	History of Japan to 1800 (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 287	History of Modern Japan (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
JPNS 343	Advanced Japanese Conversation and Composition (3) <i>PR: JPNS 314 or instructor permission</i>
JPNS 390	Special Topics (3) <i>PR: None</i>
LTJP 250	Japanese Literature in (English) Translation (3) <i>PR: None</i>
LTJP 350	Japanese Literature in (English) Translation (3) <i>PR: None</i>
LTJP 390	Special Topics in Japanese Literature in Translation (3) <i>PR: None</i>
POLI 343	Politics of East Asia (3) <i>PR: None</i>
RELS 248	Religious Traditions of China and Japan (3) <i>PR: None</i>

## LATIN AMERICAN AND CARIBBEAN STUDIES MINOR

### Credit hours: 18

**At least 9 credit hours at the 200-level or above must be earned at the College of Charleston. Not more than 9 of the required credit hours may be in any one discipline (excluding LACS).**

**Note: Students are encouraged to fulfill their language requirement in Spanish, Brazilian Portuguese, or French. Students are encouraged to spend one summer or semester in a study abroad program in Latin America or the Caribbean.**

### Required courses:

LACS 101 Introduction to Latin American and Caribbean Studies (3) *PR: None*

### Select two courses from the following:

ANTH 325	Peoples and Cultures of Latin America (3) <i>PR: ANTH 101 or instructor permission</i>
ANTH 327	Peoples and Cultures of the Caribbean (3) <i>PR: ANTH 101 or instructor permission</i>
ARTH 205	Pre-Columbian Art and Culture (3) <i>PR: None</i>
HIST 262	Colonial Latin America (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 263	Latin America Since Independence (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 364	Sugar and Slaves in Colonial Brazil (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 365	Modern Brazil (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
LACS 103	Introduction to Contemporary Cuba (3) <i>PR: None</i>
LACS 104	Introduction to Contemporary Chile (3) <i>PR: None</i>
LACS 105	Introduction to Contemporary Brazil (3) <i>PR: None</i>
LACS 106	Introduction to Contemporary Argentina (3) <i>PR: None</i>
LTPO 150	Portuguese Literature in (English) Translation (3) <i>PR: None</i>
LTPO 250	Portuguese Literature in (English) Translation: A Foreign Literature (3) <i>PR: None</i>
LTPO 270	Studies in Brazilian Film (3) <i>PR: None</i>
LTPO 280	Studies in Brazilian Civilization and Culture Through Literature (3) <i>PR: None</i>
LTPO 350	Portuguese Literature in (English) Translation: A Foreign Author (3) <i>PR: None</i>
LTPO 450	Portuguese Literature in (English) Translation: Comparative (3) <i>PR: None</i>
LTSP 252	Contemporary Latin American Literature in Translation (3) <i>PR: None</i>
LTSP 254	Society, History, and Culture in Spanish-American Literature (3) <i>PR: None</i>
LTSP 256	The Magic and The Real in Latin American Literature and Film (3) <i>PR: None</i>
POLI 245	Cuban Revolution (3) <i>PR: None</i>
POLI 340	Politics of Latin America (3) <i>PR: None</i>
POLI 351	The Politics of Contemporary Brazil (3) <i>PR: None</i>

**Select three courses from the following (including the above):**

- ANTH 328 Aztecs, Maya, and Their Ancestors (3) *PR: ANTH 101 or 202 or instructor permission*
- ANTH 362 Social and Cultural Change (3) *PR: ANTH 101 or instructor permission*
- ARTH 255 Latin American Colonial Art (3) *PR: None*
- ENGL 233 Survey of Non-Western Twentieth-Century Literature (3) *PR: ENGL 110 or equivalent*
- ENGL 234 Survey of Third World Masterpieces (3) *PR: ENGL 110 or equivalent*
- ENGL 358 Colonial and Postcolonial British Literature (3) *PR: ENGL 110 or equivalent*
- FREN 320 A Survey of Francophone Literature (3) *PR: FREN 313 and 314, or instructor permission*
- FREN 326 A Survey of Francophone Civilization (3) *PR: FREN 313 and 314 or instructor permission*
- HIST 261 Special Topics in Modern Asia, Africa or Latin America (as appropriate to Asian Studies) (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*
- HIST 361 Special Topics in Modern Asia, Africa, Latin America (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*
- HIST 366 Comparative Slavery in the Americas (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*
- HIST 461 Research Seminar in Modern Asia, Africa, or Latin America (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*
- LACS 200 Special Topics in Latin American and Caribbean Studies (3) *PR: None*
- LACS 300 Special Topics in Latin American and Caribbean Studies (3) *PR: None*
- LACS 332 Latin American Politics and Society in Film (3) *PR: None*
- LACS 400 Independent Study in Latin American and Caribbean Studies (3) *PR: None*
- POLI 266 International Diplomacy Studies (3) *PR: None*
- POLI 347 International Development: Theories and Practice (3) *PR: None*
- SOCY 362 Social and Cultural Change (3) *PR: SOCY 101 or 102*
- SPAN 315 Special Assignment Abroad (3) *PR: SPAN 313 and one of the following: SPAN 312, 314, 328; or SPAN 350; or instructor permission*
- SPAN 328 Spanish Language Study Abroad (3) *PR: SPAN 275 or instructor permission*
- SPAN 371 Survey of Spanish-American Literature I (3) *PR: SPAN 320 or instructor permission*
- SPAN 372 Survey of Spanish-American Literature II (3) *PR: SPAN 320 or instructor permission*
- SPAN 447 Spanish Dialectology (3) *PR: SPAN 381 or instructor permission*
- SPAN 454 Contemporary Spanish-American Poetry (3) *PR: SPAN 320 and an additional 300-level literature course (SPAN 361, 362, 371 or 372; 390 may also be an option if the topic is literature; or instructor permission)*
- SPAN 455 Contemporary Spanish-American Fiction (3) *PR: SPAN 320 and an additional 300-level literature course (SPAN 361, 362, 371 or 372; 390 may also be an option if the topic is literature; or instructor permission)*
- SPAN 456 Contemporary Spanish-American Theatre (3) *PR: SPAN 320 and an additional 300-level literature course (SPAN 361, 362, 371 or 372; 390 may also be an option if the topic is literature; or instructor permission)*
- SPAN 457 Early Colonial Spanish-American Texts (3) *PR: SPAN 320 and an additional 300-level literature course (SPAN 361, 362, 371 or 372; 390 may also be an option if the topic is literature; or instructor permission)*
- SPAN 458 Contemporary Hispanic-Caribbean Theatre (3) *PR: SPAN 320 and an additional 300-level literature course (SPAN 361, 362, 371 or 372; 390 may also be an option if the topic is literature; or instructor permission)*

**RUSSIAN STUDIES MINOR****Credit hours: 18****At least 9 credit hours at the 200-level or above must be earned at the College of Charleston.****Required courses:**

**6 credit hours in Russian language selected from:**

RUSS 201	Intermediate Russian (3) <i>PR: RUSS 102 or placement</i>
RUSS 202	Intermediate Russian (3) <i>PR: RUSS 201 or placement</i>
RUSS 313	Russian Conversation and Composition I (3) <i>PR: RUSS 202 or placement</i>
RUSS 314	Russian Conversation and Composition II (3) <i>PR: RUSS 202 or placement</i>

**Select 3 credit hours in Russian literature of film from the following:**

LTRS 110	Russian Folktales in Translation (3) <i>PR: None</i>
LTRS 120	Window into Russia: The major people, events, and influences of Russian cultural history (3) <i>PR: None</i>
LTRS 150	Russian Literature in Translation (3) <i>PR: None</i>
LTRS 210	19th Century Russian Literature (3) <i>PR: None</i>
LTRS 220	20th Century Russian Literature (3) <i>PR: None</i>
LTRS 250	Russian Literature in Translation (3) <i>PR: None</i>
LTRS 270	Studies in Russian Film (3) <i>PR: None</i>
LTRS 350	Russian Literature in Translation (3) <i>PR: None</i>
LTRS 450	Russian Literature in Translation (3) <i>PR: None</i>

**Select 3 credit hours in Russian history and politics from the following:**

HIST 343	Europe Since 1939 (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 346	History of the Soviet Union (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
POLI 260	International Relations Theory (3) <i>PR: None</i>
POLI 348	Politics of Protest and Revolution (3) <i>PR: None</i>

**Select 6 credit hours in Russian language, literature, film, history, politics or art, selected from the courses listed above and/or from the following:**

ARTH 350	History of Early Christian and Byzantine Art (3) <i>PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission</i>
ARTH 390	20th Century European Art (3) <i>PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission</i>
RUSS 295	Russian for Mass Media (3) <i>PR: RUSS 202 or instructor permission</i>
RUSS 330	Collateral Studies (1- 3) <i>PR: Instructor permission</i>
RUSS 331	Business Russian (3) <i>PR: RUSS 202 or instructor permission</i>
RUSS 390	Special Topics in Russian (3) <i>PR: RUSS 313 or 314 or instructor permission</i>

## SPANISH MINOR

**Credit hours: 18****The 18 credit hours are above SPAN 202 or 250.****Required courses:**

SPAN 275	Spanish Skills Review (3) <i>PR: SPAN 202</i>
SPAN 313	Spanish Composition (3) <i>PR: SPAN 275</i>

**AND**

SPAN 314*	Spanish Conversation (3) <i>PR: SPAN 275</i>
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**OR**

SPAN 350	Intensive Conversation and Composition (6) <i>PR: SPAN 275</i>
SPAN 320	Introduction to the Study of Hispanic Literature (3) <i>PR: SPAN 313, and one of the following SPAN 312, 314, 328, or instructor permission</i>
SPAN 333	Topics in Hispanic Cultures (3) <i>PR: SPAN 313 and one of the following SPAN 312, 314, 217, 328; or SPAN 350. Department chair permission is required.</i>

**Note:** \*SPAN 328 Spanish Language Study Abroad or SPAN 312 Spanish as a Heritage Language may also be used to satisfy the Spanish 314 requirement.

**One elective at the 300 or 400-level:**

- SPAN 315 Special Assignment Abroad (3) *PR: SPAN 313 and one of the following: SPAN 312, 314, 328; or SPAN 350; or instructor permission*
- SPAN 316 Applied Spanish (3) *PR: SPAN 313 and one of the following: SPAN 312, 314, 328; or SPAN 350; or instructor permission*
- SPAN 317 Introduction to Spanish for Business (3) *PR: SPAN 313 and one of the following: SPAN 312, 314, 328; or SPAN 350; or instructor permission*
- SPAN 318 Spanish for International Business (3) *PR: SPAN 313 and one of the following: SPAN 312, 314, 328; or SPAN 350; or instructor permission*
- SPAN 333\* Topics in Hispanic Cultures (3) *PR: SPAN 313 and one of the following SPAN 312, 314, 217, 328; or SPAN 350. Department chair permission is required.*
- SPAN 344 Advanced Grammar and Lexicon (3) *PR: SPAN 313 and one of the following: SPAN 312, 314, 328; or SPAN 350; or instructor permission*
- SPAN 361 Survey of Spanish Literature I (3) *PR: SPAN 320 or instructor permission*
- SPAN 362 Survey of Spanish Literature II (3) *PR: SPAN 320 or instructor permission*
- SPAN 371 Survey of Spanish-American Literature I (3) *PR: SPAN 320 or instructor permission*
- SPAN 372 Survey of Spanish-American Literature II (3) *PR: SPAN 320 or instructor permission*
- SPAN 443 Morphology and Syntax (3) *PR: SPAN 381 or instructor permission*
- SPAN 445 Spanish Phonetics and Phonology (3) *PR: SPAN 381 or instructor permission*
- SPAN 446 History of the Spanish Language (3) *PR: SPAN 381 or instructor permission*
- SPAN 447 Spanish Dialectology (3) *PR: SPAN 381 or instructor permission*
- SPAN 448 Spanish Sociolinguistics (3) *PR: SPAN 381 or instructor permission*
- SPAN 451 18th and 19th Century Spanish Literature (3) *PR: SPAN 320 and an additional 300-level literature course (SPAN 361, 362, 371 or 372; 390 may also be an option if the topic is literature; or instructor permission)*
- SPAN 452 20th Century Spanish Literature (3) *PR: SPAN 320 and an additional 300-level literature course (SPAN 361, 362, 371 or 372; 390 may also be an option if the topic is literature; or instructor permission)*
- SPAN 453 Don Quijote de la Mancha (3) *PR: SPAN 320 and an additional 300-level literature course (SPAN 361, 362, 371 or 372; 390 may also be an option if the topic is literature; or instructor permission)*
- SPAN 454 Contemporary Spanish-American Poetry (3) *PR: SPAN 320 and an additional 300-level literature course (SPAN 361, 362, 371 or 372; 390 may also be an option if the topic is literature; or instructor permission)*
- SPAN 455 Contemporary Spanish-American Fiction (3) *PR: SPAN 320 and an additional 300-level literature course (SPAN 361, 362, 371 or 372; 390 may also be an option if the topic is literature; or instructor permission)*
- SPAN 456 Contemporary Spanish-American Theatre (3) *PR: SPAN 320 and an additional 300-level literature course (SPAN 361, 362, 371 or 372; 390 may also be an option if the topic is literature; or instructor permission)*
- SPAN 457 Early Colonial Spanish-American Texts (3) *PR: SPAN 320 and an additional 300-level literature course (SPAN 361, 362, 371 or 372; 390 may also be an option if the topic is literature; or instructor permission)*
- SPAN 458 Contemporary Hispanic-Caribbean Theatre (3) *PR: SPAN 320 and an additional 300-level literature course (SPAN 361, 362, 371 or 372; 390 may also be an option if the topic is literature; or instructor permission)*
- SPAN 459 Chicano/a Literature (3) *PR: SPAN 320 and an additional 300-level literature course (SPAN 361, 362, 371 or 372; 390 may also be an option if the topic is literature; or instructor permission)*
- SPAN 473 The Golden Age (3) *PR: SPAN 320 and an additional 300-level literature course (SPAN 361, 362, 371 or 372; 390 may also be an option if the topic is literature; or instructor permission)*
- SPAN 474 Contemporary Spanish Theatre (3) *PR: SPAN 320 and an additional 300-level literature course (SPAN 361, 362, 371 or 372; 390 may also be an option if the topic is literature; or instructor permission)*
- SPAN 475 Medieval Literature of the Iberian Peninsula (3) *PR: SPAN 320 and an additional 300-level literature course (SPAN 361, 362, 371 or 372; 390 may also be an option if the topic is literature; or instructor permission)*
- SPAN 490 Seminar: Special Topics in Hispanic Literature (3) *PR: SPAN 320 and an additional 300-level literature course (SPAN 361, 362, 371 or 372; 390 may also be an option if the topic is literature; or instructor permission)*
- SPAN 491 Special Topics in Language Studies (3) *PR: SPAN 381; or instructor permission*

- SPAN 496 Directed Reading (1-3) *PR: SPAN 320 and an additional 300-level literature course (SPAN 361, 362, 371 or 372; 390 may also be an option if the topic is literature; or instructor permission)*
- SPAN 498 Independent Study (1-3) *PR: The topic must be verified by the department chair as Linguistics, one 300-level Spanish class in Linguistics and instructor permission.*
- SPAN 499 Bachelor's Essay (6) *PR: One 400-level Spanish class in the field of study and instructor permission*

**Note:** \*SPAN 333 may be taken again as long as the subtitle differs from the required 333 course.

## BUSINESS LANGUAGE IN SPANISH MINOR

**Credit hours: 18+**

**Required courses:**

- SPAN 275 Spanish Skills Review (3) *PR: SPAN 202*
- SPAN 317 Introduction to Spanish for Business
- SPAN 318 Spanish for International Business
- SPAN 333\* Topics in Hispanic Cultures
- SPAN 418 Advanced Spanish for Business Communication

**One course selected from:**

- SPAN 313 Spanish Composition (3) *PR: SPAN 275*
- SPAN 328 Spanish Language Study Abroad (3) *PR: SPAN 275 or instructor permission*

**NOTE:** \*The SPAN 333 course in question must cover a contemporary topic as confirmed with the Chair of Hispanic Studies.

## BUSINESS LANGUAGE IN FRENCH MINOR

**Credit hours: 18+**

**Required courses:**

- FREN 314 French Conversation and Composition (3) *PR: FREN 202 or instructor permission*
- FREN 380 Le Concept de Marketing (3) *PR: FREN 313 and 314*
- FREN 381 French for World Business I (3) *PR: FREN 313 and 314*
- FREN 491 Topics in Contemporary French and Francophone Culture (3) *PR: FREN 313 and 314, and either FREN 320 or 321; or instructor permission*

**OR**

- FREN 495\* Capstone Seminar (3) *PR: Two FREN courses completed at the 400 level and senior status or department chair permission; instructor permission*

**NOTE:** \*With focus on business and commerce

**One course selected from the following:**

- FREN 320 Survey of Francophone Literature (3) *PR: FREN 313 and 314*
- FREN 326 Survey of Francophone Civilization (3) *PR: FREN 313 and 314*

**One course selected from the following:**

- FREN 321 Survey of French Literature (3) *PR: FREN 313 and 314*
- FREN 327 Survey of French Civilization (3) *PR: FREN 313 and 314*

**Notes:**

- The School of Business has the following admission standard: You must complete the following courses with a minimum grade of "C-": ECON 200, 201, \*MATH 104 or 250, 105 or 120, \*DSCI 232, \*ACCT 203, 204. \*Note: ECON majors must make a C- or better in MATH 120 and 250 as MATH 105 and 104 are not options in the major. ECON majors may take either MATH 350 or DSCI 232. ECON majors are not required to take ACCT 203 and 204.
- The business and accounting programs offered by the School of Business are accredited by The Association to Advance Collegiate Schools of Business (AACSB).



# International Studies Major Requirements

Degree: Bachelor of Arts

Credit Hours: 34+

"PR" indicates a pre-requisite. "CO" indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult <http://registrar.cofc.edu/general-edu> for more information.

## Required Courses

INTL 100	Introduction to International Studies (3) <i>PR: None</i>
INTL 300	Comparative Methodology in International Studies (1) <i>PR: None</i>
INTL 495	International Studies Capstone (3) <i>PR: None</i>

Select one course from each of the following two categories:

### Category I: International Politics, History, Geography and Economics

POLI 103	World Politics (3) <i>PR: None</i>
HONS 166	Honors World Politics (3) <i>PR: None</i>
HIST 116	Modern History (3) <i>PR: None</i>
HIST 102	Modern Europe (3) <i>PR: None</i>
HIST 104	World History since 1500 (3) <i>PR: None</i>
HONS 130	Honors Colloquium in Western Civilization (6) <i>PR: None</i>
INTL 120	Economics of Globalization (3) <i>PR: None</i>
POLI 104	World Regional Geography (cross-listed as GEOG 101) (3) <i>PR: None</i>

### Category II: International Culture and Literature

RELS 105	World Religions (3) <i>PR: None</i>
ENGL 233	Survey of Non-Western Twentieth Century Literature (3) <i>PR: ENGL 110 or equivalent</i>
CPLT 200	Introduction to Comparative Literature (3) <i>PR: None</i>

OR

Any 200-level Literature in Translation survey course (i.e., LTPO, LTRS, LTFR, etc.) listed below:

LTAR 220	Modern Arabic Fiction (3) <i>PR: None</i>
LTAR 221	Islamic World Literature (in English Translation) (3) <i>PR: None</i>
LTAR 250	Arabic Literature in (English) Translation (3) <i>PR: None</i>
LTAR 270	Studies in Arab Cinema (3) <i>PR: None</i>
LTCH 210	Traditional Chinese Literature in Translation (3) <i>PR: None</i>
LTCH 220	Modern Chinese Literature in Translation (3) <i>PR: None</i>
LTCH 250	Chinese Literature in (English) Translation (3) <i>PR: None</i>
LTFR 250	Francophone Literature in Translation (3) <i>PR: None</i>
LTGR 250	German Literature in (English) Translation (3) <i>PR: None</i>
LTGR 270	Studies in German Film (3) <i>PR: None</i>
LTHB 250	Hebrew Literature in (English) Translation (3) <i>PR: None</i>
LTIT 250	Italian Literature in (English) Translation (3) <i>PR: None</i>
LTIT 270	Introduction to Italian Cinema (3) <i>PR: None</i>
LTJP 250	Japanese Literature in (English) Translation (3) <i>PR: None</i>
LTPO 250	Portuguese Literature in (English) Translation: A Foreign Literature (3) <i>PR: None</i>
LTPO 270	Studies in Brazilian Film (3) <i>PR: None</i>
LTPO 280	Studies in Brazilian Civilization and Culture Through Literature (3) <i>PR: None</i>
LTRS 210	19th Century Russian Literature in (English) Translation (3) <i>PR: None</i>
LTRS 220	20th Century Russian Literature in (English) Translation (3) <i>PR: None</i>
LTRS 250	Russian Literature in (English) Translation (3) <i>PR: None</i>
LTRS 270	Studies in Russian Film (3) <i>PR: None</i>
LTSP 250	Literature in (English) Translation: A Foreign Literature (3) <i>PR: None</i>
LTSP 252	Contemporary Latin American Literature in Translation (3) <i>PR: None</i>
LTSP 254	Society, History, and Culture in Spanish-American Literature (3) <i>PR: None</i>
LTSP 256	The Magic and the Real: Latin American Literature and Film (3) <i>PR: None</i>

Select one of the following concentration areas (Asia, Africa, International Comparative Literature, Europe or Latin America and the Caribbean):

## Africa Concentration (21+ credit hours)

The Africa Concentration in International Studies requires completion of 21 credit hours including a core of 6 credit hours, a Cross Regional (INTL 350) course of three credit hours, and 12 credit hours of electives with at least 3 credit hours in each of three disciplines which will include the core History courses.

### Core Courses

AFST101 Introduction to African Civilization (3) *PR: None*

HIST 272 Pre-Colonial Africa (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement(see <http://registrar.cofc.edu/general-edu> )*

### OR

HIST 273 Modern Africa (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*

### Cross Regional Course

INTL 350 Cross Regional Studies (3) *PR: None*

### Electives: Select 12 credit hours from the following:

AFST 202 Special Topics in African Studies (3) *PR: None*

ANTH 322 Peoples and Cultures of Africa (3) *PR: ANTH 101 or instructor permission*

ARTH 210 African Art (3) *PR: None*

ENGL 233 Survey of Non-Western Twentieth Century Literature (3) *PR: ENGL 110 or equivalent*

### OR

ENGL 234 Survey of Third World Masterpieces (3) *PR: ENGL 110 or equivalent*

ENGL 352 Major African Writers (3) *PR: ENGL 110 or equivalent*

ENGL 353 African Women Writers (3) *PR: ENGL 110 or equivalent*

FREN 451 African Literature of French Expression (3) *PR: FREN 313 and FREN 314, and either FREN 320 or 321; or instructor permission*

FREN 452 Literature of the Maghreb (3) *PR: FREN 313 and FREN 314, and either FREN 320 or 321; or instructor permission*

POLI 266 International Diplomacy Studies (3) *PR: None*

POLI 342 Politics of Africa (3) *PR: None*

**Foreign Language Requirement:** Complete 202 (or the equivalent) in one foreign language and an additional 6 credit hours in the same or a different foreign language (or the equivalent).

**Study Abroad Requirement:** Earn 6 credit hours (may be applied to the Concentration).

**Note:** *Departmental special topics, research seminars, tutorials, and independent study courses will also be counted as appropriate.*

## Asia Concentration (21+ credit hours)

The Asia Concentration in International Studies requires completion of 21 credit hours including a core of 3 credit hours, a Cross Regional (INTL 350) course of 3 credit hours, and 15 credit hours of elective chosen from History and Politics and Art, Literature and Culture categories with at least 3 credit hours in each of three disciplines.

### Core Course

ASST 101 Introduction to Asian Studies (3) *PR: None*

### OR

ARTH 103 History of Asian Art (3) *PR: None*

### OR

ASST 105 Value and Tradition in Asian Civilization (3) *PR: None*

### Cross Regional Course

INTL 350 Cross Regional Studies (3) *PR: None*

**Electives (15 Credit Hours):** Select 9 credit hours from one category and 6 credit hours from the other - History and Politics category and Art, Literature and Culture category.

Students may develop a regional specialization within the Asia Concentration in consultation with an advisor (for example, South Asia, Southeast Asia, China or Japan). Students may focus on Japan by taking their elective courses from those designated JAPN and fulfilling their language requirement in Japanese. No more than 6 hours at the 100-level may be counted towards the Asia Concentration. ARTH 103 cannot fulfill a requirement in more than one category.

### History and Politics

- ARST 273 Role of Qur'an in Contemporary Islam (3) *PR: None*
- CHST 270 Stories of Chinese Youth: Chinese Cinema (3) *PR: None*
- HIST 276 Islamic Civilization (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*
- HIST 277 Modern Middle East (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*
- HIST 282 History of China to 1800 (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*
- HIST 283 History of Modern China (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*
- HIST 286 History of Japan to 1800 (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*

#### JAPN

- HIST 287 History of Modern Japan (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*

#### JAPN

- LTAR 270 Arab Cinema (3) *PR: None*
- PHIL 234 Eastern Philosophy (3) *PR: None*
- POLI 343 Politics of East Asia (3) *PR: None* **JAPN**
- POLI 344 Politics of the Middle East (3) *PR: None*
- POLI 345 Politics of China (3) *PR: None*
- POLI 346 Politics of Southeast Asia (3) *PR: None*
- POLI 365 International Relations of the Middle East (3) *PR: None*
- ASST 240 Special Topics in Asian Studies (3) *PR: None*
- ASST 340 Special Topics in Asian Studies (3) *PR: None*
- ASST 390 Independent Study in Asian Studies (3) *PR: None*

### Art, Literature, and Culture

- ARST 100 Introduction to Arab and Islamic World Studies (3) *PR: None*
- ARST 240 Special topics in Arabic Studies (3) *PR: None*
- ARST 340 Special topics in Arabic Studies (3) *PR: None*
- ARTH 103 Survey of Asian Art (3) *PR: None* **JAPN**
- ARTH 241 History of the Art of India (3) *PR: None*
- ARTH 242 History of the Art of China (3) *PR: None*
- ARTH 243 History of the Art of Japan (3) *PR: None* **JAPN**
- ARTH 308 Studies in Asian Art (3) *PR: Instructor permission or 6 credit hours of art history or ARTH 299*
- ARTH 321 Hindu Myth and Image (3) *PR: Instructor permission or 6 credit hours of art history or ARTH 299*
- ARTH 322 Indian Painting (3) *PR: Instructor permission or 6 credit hours of art history or ARTH 299*
- ASST 101 Introduction to Asian Studies (3) *PR: None*
- ASST 105 Value and Tradition in Asian Civilization (3) *PR: None*
- ASST 240 Special Topics in Asian Studies (3) *PR: None*
- ASST 340 Special Topics in Asian Studies (3) *PR: None*
- ASST 390 Independent Study in Asian Studies (3) *PR: None* **JAPN**
- CHNS 390 Chinese Special Topics/Independent Study (3) *PR: None*
- CHST 100 Chinese Civilization (3) *PR: None*
- CHST 240 Special Topics in Chinese Studies (3) *PR: None*
- CHST 340 Special topics in Chinese Studies (3) *PR: None*
- LTAR 220 Modern Arabic Fiction (3) *PR: None*
- LTAR 221 Islamic World Literature (in English Translation) (3) *PR: None*
- LTAR 250 Arabic Literature in (English) Translation (3) *PR: None*
- LTAR 350 Arabic Literature in (English) Translation (3) *PR: None*
- LTAR 382 Arab Women Writers (3) *PR: None*

LTAR 450	Arabic Literature in (English) Translation (3) <i>PR: None</i>
LTCH 210	Traditional Chinese Literature in Translation (3) <i>PR: None</i>
LTCH 220	Modern Chinese Literature in Translation (3) <i>PR: None</i>
LTCH 250	Chinese Literature in Translation (3) <i>PR: None</i>
ENGL 234	Survey of Third World Masterpieces (3) <i>PR: ENGL 110 or equivalent</i>
ENGL 358	Colonial and Postcolonial British Literature (3) <i>PR: ENGL 110 or equivalent</i>
JPNS 390	Special Topics (3) <i>PR: None</i> <b>JAPN</b>
LTJP 250	Japanese Literature in Translation (3) <i>PR: None</i> <b>JAPN</b>
LTJP 350	Japanese Literature: A Foreign Author (3) <i>PR: None</i> <b>JAPN</b>
LTJP 390	Special Topics in Japanese Literature in Translation (3) <i>PR: None</i> <b>JAPN</b>
LTJP 450	Japanese Literature in (English) Translation: Comparative Literature (3) <i>PR: None</i> <b>JAPN</b>
RELS 205	Sacred Texts of the East (3) <i>PR: None</i>
RELS 235	The Islamic Tradition (3) <i>PR: None</i>
RELS 240	The Buddhist Tradition (3) <i>PR: None</i>
RELS 245	The Hindu Tradition (3) <i>PR: None</i>
RELS 248	Religions of China and Japan (3) <i>PR: None</i> <b>JAPN</b>
RELS 340	Advanced Topics in Asian Religions (3) <i>PR: Either 3 credit hours in religious studies or instructor permission.</i>
RELS 348	Asian Religions in America (3) <i>PR: Either 3 credit hours in religious studies or instructor permission.</i>

**Foreign Language Requirement:** Complete 202 (or the equivalent) in one Asian language and an additional 6 credit hours in the same or a different Asian language (or the equivalent) or related language. Students with a Japan focus must fulfill the requirement entirely in Japanese.

**Study Abroad Requirement:** Earn 6 credit hours (may be applied to the Concentration).

**Note:** *Departmental special topics, research seminars, tutorials, and independent study courses will also be counted as appropriate.*

## International Comparative Literature Concentration (22+ credit hours)

**The Comparative Literature Concentration in International Studies requires completion of 22 credit hours including a core of 4 credit hours (including a 1 credit hour Capstone); 6 credit hours from selected literature surveys, and 12 credit hours of electives with at least 3 credit hours in each of three disciplines.**

**Core Courses (Note: CPLT 400 is 1 credit hour):**

CPLT 200	Introduction to Comparative Literature (3) <i>PR: None</i>
CPLT 400	Comparative Literature Capstone (1) <i>PR: Completion of all other coursework for the minor in comparative literature and presented to the program director.</i>

**Select two courses totaling 6 credit hours from the following:**

ENGL 204	Survey of European Literature II (3) <i>PR: ENGL 110 or equivalent</i>
ENGL 226	Survey of World Literature (3) <i>PR: ENGL 110 or equivalent</i>
ENGL 233	Survey of Non-Western Twentieth-Century Literature (3) <i>PR: ENGL 110 or equivalent</i>

**OR**

ENGL 234	Survey of Third World Masterpieces (3) <i>PR: ENGL 110 or equivalent</i>
ENGL 319	Literary Criticism (3) <i>PR: ENGL 110 or equivalent</i>
LTFR 250	Francophone Literature in Translation (3) <i>PR: None</i>
LTSP 252	Contemporary Latin American Literature in Translation (3) <i>PR: None</i>

**Select 12 credit hours from at least three different departments from the following courses. Please note: A maximum of two film courses may be applied.**

### Arabic

LTAR 220	Modern Arabic Fiction (3) <i>PR: None</i>
LTAR 221	Islamic World Literature (in English Translation) (3) <i>PR: None</i>
LTAR 250	Arabic Literature in (English) Translation (3) <i>PR: None</i>
LTAR 270	Studies in Arab Cinema (3) <i>PR: None</i>
LTAR 350	Arabic Literature in (English) Translation (3) <i>PR: None</i>
LTAR 382	Arab Women Writers (3) <i>PR: None</i>
LTAR 450	Arabic Literature in (English) Translation (3) <i>PR: None</i>

**Chinese**

CHST 270	Stories of Chinese Youth: Chinese Cinema (3) <i>PR: None</i>
LTCH 210	Traditional Chinese Literature in Translation (3) <i>PR: None</i>
LTCH 220	Modern Chinese Literature in Translation (3) <i>PR: None</i>
LTCH 250	Chinese Literature in (English) Translation (3) <i>PR: None</i>
LTCH 350	Chinese Literature in (English) Translation (3) <i>PR: None</i>

**Classics**

CLAS 103	Classical Mythology (3) <i>PR: None</i>
CLAS 253	Ancient Epic (3) <i>PR: None</i>
CLAS 254	Tragedy (3) <i>PR: None</i>
CLAS 255	Comedy (3) <i>PR: None</i>
CLAS 256	Ancient Satire (3) <i>PR: None</i>
CLAS 270	The Romans in Cinema (3) <i>PR: None</i>
CLAS 301	Topics in Ancient Greek Literature (3) <i>PR: 3 credit hours in Classics or instructor permission</i>
CLAS 302	Topics in Latin Literature (3) <i>PR: 3 credit hours in Classics or instructor permission</i>

**English**

ENGL 201	British Literature to 1800 (3) <i>PR: English 110 or equivalent</i>
ENGL 202	British Literature since 1800 (3) <i>PR: English 110 or equivalent</i>
ENGL 203	Survey of European Literature I (3) <i>PR: English 110 or equivalent</i>
ENGL 204	Survey of European Literature II (3) <i>PR: English 110 or equivalent</i>
ENGL 207	American Literature to the Present (3) <i>PR: English 110 or equivalent</i>
ENGL 212	The Cinema: History and Criticism (3) <i>PR: English 110 or equivalent</i>
ENGL 216	Introduction to African American Literature (3) <i>PR: English 110 or equivalent</i>
ENGL 233	Survey of Non-Western Twentieth-Century Literature (3) <i>PR: English 110 or equivalent</i>
ENGL 234	Survey of Third World Masterpieces (3) <i>PR: English 110 or equivalent</i>
ENGL 313	African American Literature (3) <i>PR: English 110 or equivalent</i>
ENGL 314	The Sixteenth Century (3) <i>PR: English 110 or equivalent</i>
ENGL 317	The Seventeenth Century (3) <i>PR: English 110 or equivalent</i>
ENGL 318	The Eighteenth Century (3) <i>PR: English 110 or equivalent</i>
ENGL 320	Young Adult Literature (3) <i>PR: English 110 or equivalent</i>
ENGL 321	The Romantic Period (3) <i>PR: English 110 or equivalent</i>
ENGL 323	The Victorian Period (3) <i>PR: English 110 or equivalent</i>
ENGL 325	Modern British Literature (3) <i>PR: English 110 or equivalent</i>
ENGL 326	Irish Literature (3) <i>PR: English 110 or equivalent</i>
ENGL 327	The British Novel I (3) <i>PR: English 110 or equivalent</i>
ENGL 328	The British Novel II (3) <i>PR: English 110 or equivalent</i>
ENGL 335	Modern Poetry (3) <i>PR: English 110 or equivalent</i>
ENGL 336	Women Writers (3) <i>PR: English 110 or equivalent</i>
ENGL 337	British Drama to 1642 (3) <i>PR: English 110 or equivalent</i>
ENGL 340	Restoration and 18th-Century Drama (3) <i>PR: English 110 or equivalent</i>
ENGL 352	Major African Writers (3) <i>PR: English 110 or equivalent</i>
ENGL 353	African Women Writers (3) <i>PR: English 110 or equivalent</i>
ENGL 357	Studies in Contemporary British Literature (3) <i>PR: English 110 or equivalent</i>
ENGL 358	Colonial and Postcolonial British Literature (3) <i>PR: English 110 or equivalent</i>
ENGL 360	Major Literary Themes (3) <i>PR: English 110 or equivalent</i>
ENGL 370	Major Literary Genres (3) <i>PR: English 110 or equivalent</i>
ENGL 390	Studies in Film (3) <i>PR: ENGL 110, ENGL 212 or instructor permission</i>

**French**

LTFR 150	French Literature in (English) Translation (3) <i>PR: None</i>
LTFR 250	Francophone Literature in Translation (3) <i>PR: None</i>
FREN 320	A Survey of Francophone Literature (3) <i>PR: FREN 313 and FREN 314 or instructor permission</i>
FREN 321	A Survey of French Literature (3) <i>PR: FREN 313 and FREN 314; or instructor permission</i>
FREN 326	A Survey of Francophone Civilization (3) <i>PR: FREN 313 and FREN 314; or instructor permission</i>
FREN 327	A Survey of French Civilization (3) <i>PR: FREN 313 and FREN 314; or instructor permission</i>

FREN 370	Studies in French and Francophone Literature and Film (3) <i>PR: FREN 313 and FREN 314; or instructor permission</i>
FREN 431	The Middle Ages and the Renaissance in France (3) <i>PR: FREN 313 and FREN 314, and either FREN 320 or 321; or instructor permission</i>
FREN 432	Literature of the 17th Century (3) <i>PR: FREN 313 and FREN 314, and either FREN 320 or 321; or instructor permission</i>
FREN 434	Literature of the 18th Century (3) <i>PR: FREN 313 and FREN 314, and either FREN 320 or 321; or instructor permission</i>
FREN 435	Literature of the 19th Century (3) <i>PR: FREN 313 and FREN 314, and either FREN 320 or 321; or instructor permission</i>
FREN 437	Literature of the 20th Century (3) <i>PR: FREN 313 and FREN 314, and either FREN 320 or 321; or instructor permission</i>
FREN 443	The Novel in France (3) <i>PR: FREN 313 and FREN 314, and either FREN 320 or 321; or instructor permission</i>
FREN 451	African Literature of French Expression (3) <i>PR: FREN 313 and FREN 314, and either FREN 320 or 321; or instructor permission</i>
FREN 452	Literature of the Maghreb (3) <i>PR: FREN 313 and FREN 314, and either FREN 320 or 321; or instructor permission</i>
FREN 482	French and Francophone Women Writers (3) <i>PR: FREN 313 and FREN 314, and either FREN 320 or 321; or instructor permission</i>

**German**

LTGR 250	German Literature in (English) Translation (3) <i>PR: None</i>
LTGR 270	Studies in German Film (3) <i>PR: None</i>
GRMN 365	Introduction to German Literature (3) <i>PR: None</i>
GRMN 460	German Literary Heritage (3) <i>PR: Two 300-level German courses or instructor permission</i>
GRMN 468	Studies in Modern German Literature (3) <i>PR: One 300-level German course or instructor permission</i>
GRMN 472	Studies in German Cinema (3) <i>PR: One 300-level German course or instructor permission</i>

**Greek**

GREK 371	Readings in Greek Literature: Poetry (3) <i>PR: Two 200-level Greek courses</i>
GREK 372	Readings in Greek Literature: Prose (3) <i>PR: Two 200-level Greek courses</i>

**Hebrew**

LTHB 250	Hebrew Literature in (English) Translation (3) <i>PR: None</i>
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**Italian**

LTIT 250	Italian Literature in (English) Translation (3) <i>PR: None</i>
LTIT 350	Italian Literature in (English) Translation (3) <i>PR: None</i>
LTIT 370	Studies in Italian Film and Literature (3) <i>PR: None</i>
LTIT 450	Italian Literature in (English) Translation (3) <i>PR: None</i>
ITAL 361	Survey of Italian Literature I (3) <i>PR: ITAL 202 or instructor permission</i>
ITAL 362	Survey of Italian Literature II (3) <i>PR: ITAL 202 or instructor permission</i>
ITAL 452	20th-Century Italian Literature (3) <i>PR: ITAL 313 or 314, or instructor permission</i>

**Japanese**

LTJP 250	Japanese Literature in (English) Translation (3) <i>PR: None</i>
LTJP 350	Japanese Literature in (English) Translation (3) <i>PR: None</i>
LTJP 450	Japanese Literature in (English) Translation (3) <i>PR: None</i>

**Latin**

LATN 301	Introduction to Latin Literature (3) <i>PR: LATN 301</i>
LATN 305	Medieval Latin (3) <i>PR: LATN 301</i>
LATN 323	Roman Historiography (3) <i>PR: LATN 301</i>
LATN 371	Roman Comedy (3) <i>PR: LATN 301</i>
LATN 372	Roman Satire (3) <i>PR: LATN 301</i>
LATN 373	Roman Biography (3) <i>PR: LATN 301</i>

**Music**

MUSC 337	Opera Literature (3) <i>PR: MUSC 131 or 230 or instructor permission</i>
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**Portuguese**

LTPO 250	Portuguese Literature in (English) Translation (3) <i>PR: None</i>
LTPO 350	Portuguese Literature in (English) Translation (3) <i>PR: None</i>

LTPO 450 Portuguese Literature in (English) Translation (3) *PR: None*

### Religion

RELS 201 The Hebrew Bible (3) *PR: None*

RELS 202 The New Testament (3) *PR: None*

RELS 205 Sacred Texts of the East (3) *PR: None*

RELS 310 Sacred Texts (3) *PR: Either 3 credit hours in religious studies or instructor permission*

RELS 360 Myth, Ritual, and Symbol (3) *PR: Either 3 credit hours in religious studies or instructor permission*

### Russian

LTRS 110 Russian Folktales in Translation (3) *PR: None*

LTRS 120 Window into Russia: The Major People, Events, and Influences of Russia's Cultural History (3) *PR: None*

LTRS 150 Russian Literature in (English) Translation (3) *PR: None*

LTRS 220 20th Century Russian Literature in (English) Translation (3) *PR: None*

LTRS 250 Russian Literature in (English) Translation (3) *PR: None*

LTRS 270 Studies in Russian Film (3) *PR: None*

LTRS 350 Russian Literature in (English) Translation (3) *PR: None*

LTRS 450 Russian Literature in (English) Translation (3) *PR: None*

### Spanish

LTSP 150 Spanish Literature in (English) Translation (3) *PR: None*

LTSP 250 Spanish Literature in (English) Translation (3) *PR: None*

LTSP 252 Contemporary Latin American Literature in Translation (3) *PR: None*

LTSP 256 Magic and the Real: Latin American Literature and Film (3) *PR: None*

LTSP 350 Spanish Literature in (English) Translation (3) *PR: None*

LTSP 450 Spanish Literature in (English) Translation (3) *PR: None*

SPAN 320 Introduction to the Study of Hispanic Literature (3) *PR: SPAN 313 and one of the following: SPAN 312, 314, 328; or SPAN 350; or instructor permission*

SPAN 361 Survey of Spanish Literature I (3) *PR: SPAN 320 or instructor permission*

SPAN 362 Survey of Spanish Literature II (3) *PR: SPAN 320 or instructor permission*

SPAN 371 Survey of Spanish-American Literature I (3) *PR: SPAN 320 or instructor permission*

SPAN 372 Survey of Spanish-American Literature II (3) *PR: SPAN 320 or instructor permission*

SPAN 451 18th- and 19th-Century Spanish Literature (3) *PR: SPAN 320 and an additional 300-level literature course; or instructor permission*

SPAN 452 20th-Century Spanish Literature (3) *PR: SPAN 320 and an additional 300-level literature course; or instructor permission*

SPAN 454 Contemporary Spanish-American Poetry (3) *PR: SPAN 320 and an additional 300-level literature course; or instructor permission*

SPAN 455 Contemporary Spanish-American Fiction (3) *PR: SPAN 320 and an additional 300-level literature course; or instructor permission*

SPAN 456 Contemporary Spanish-American Theatre (3) *PR: SPAN 320 and an additional 300-level literature course; or instructor permission*

SPAN 457 Early Colonial Spanish-American Texts (3) *PR: SPAN 320 and an additional 300-level literature course; or instructor permission*

SPAN 458 Contemporary Hispanic-Caribbean Theater (3) *PR: SPAN 320 and an additional 300-level literature course; or instructor permission*

SPAN 473 The Golden Age (3) *PR: SPAN 320 and an additional 300-level literature course; or instructor permission*

SPAN 474 Contemporary Spanish Theater (3) *PR: SPAN 320 and an additional 300-level literature course; or instructor permission*

SPAN 475 Medieval Literature of the Iberian Peninsula (3) *PR: SPAN 320 and an additional 300-level literature course; or instructor permission*

### Theatre

THTR 212 History of the American Theatre (3) *PR: None*

THTR 214 Modern American and European Drama (3) *PR: None*

THTR 310 Theatre History and Literature to 1750 (3) *PR: None*

THTR 311 Theatre History and Literature after 1750 (3) *PR: None*

THTR 316 African American Theatre (3) *PR: None*

THTR 387 The Contemporary Theatre (3) *PR: None*

**Foreign Language Requirement:** Complete 202 (or the equivalent) in one language and an additional 6 credit hours in the same or a different foreign language (or the equivalent).

**Study Abroad Requirement:** Earn 6 credit hours (may be applied to the Concentration).

**Note:** *Departmental special topics, research seminars, tutorials, and independent study courses will also be counted as appropriate.*

## Europe Concentration (21+ credit hours)

The Europe Concentration in International Studies offers a multi-disciplinary concentration. The Europe Concentration requires completion of 21 credit hours including a Cross Regional (INTL 350) course, and 15 credit hours of electives chosen from the History, Politics, Ideas and Economics category and the Literature and Culture category. Students must take at least 3 credit hours in each of three disciplines. All students must take the 3 credit hour European Studies Capstone (EUST 400).

Students may focus on Britain (BRT), Germany (GRM), Italy (ITL) or Russian (RUS) by taking their required courses that are so designated.

### Cross Regional Course

INTL 350 Cross Regional Studies (3) *PR: None*

**Electives (15 credit hours):** Select 9 credit hours from one category and 6 credit hours from the other - History, Politics, Ideas and Economics category and Literature and Culture category.

- HIST 231 Ancient Greece (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*
- HIST 232 Ancient Rome (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*
- HIST 234 Early Middle Ages (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*
- HIST 235 High Middle Ages (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*
- HIST 242 History of Modern France (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*
- HIST 244 Political and Social History of Germany from 1866 to Present (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).* **GRM**
- HIST 252 Women in Europe (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*
- HIST 256 History of Science and Technology (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*
- HIST 336 Italian Renaissance (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*  
**ITL**
- HIST 337 The Age of Reformation (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*  
**GRM**
- HIST 341 Age of Enlightenment and Revolution (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*
- HIST 344 Modern European Cultural History (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).* **GRM**
- HIST 345 Modern German Cultural and Intellectual History (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).* **GRM**
- HIST 346 History of the Soviet Union (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*  
**RUS**
- HIST 357 Victorian Britain (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*  
**BRT**
- PHIL 203 Philosophy of Human Nature (3) *PR: None*
- PHIL 205 Existentialism (3) *PR: None* **GRM**



PHIL 201	History of Ancient Philosophy (3) <i>PR: 3 credit hours in philosophy or instructor permission</i>
PHIL 202	History of Modern Philosophy (3) <i>PR: 3 credit hours in philosophy or instructor permission</i> <b>GRM</b>
PHIL 240	Jewish Philosophy (3) <i>PR: None</i>
PHIL 250	Marxism (3) <i>PR: None</i> <b>GRM</b>
PHIL 304	19th-Century Philosophy (3) <i>PR: None</i> <b>GRM</b>
PHIL 306	20th-Century Analytical Philosophy (3) <i>PR: None</i>
PHIL 307	20th-Century Continental Philosophy (3) <i>PR: None</i> <b>GRM</b>
POLI 352	Geographies and Politics of the European Union (3) <i>PR: None</i> <b>BRT</b>
RELS 202	The New Testament: History and Interpretation (3) <i>PR: None</i>
RELS 225	The Jewish Tradition (3) <i>PR: None</i>
RELS 230	The Christian Tradition (3) <i>PR: None</i>
ECON 308	Evolution of Economic Doctrines (3) <i>PR: ECON 200, 201, MATH 105 or 120 or instructor permission</i>
ECON 310	International Economics (3) <i>PR: ECON 200, 201, MATH 105 or 120 or instructor permission</i>
ECON 330	Comparative Economic Systems (3) <i>PR: ECON 200, 201, MATH 105 or 120 or instructor permission</i>
FREN 380*	Le Concept de Marketing (3) <i>PR: FREN 313 and FREN 314</i>
FREN 381*	French for World Business I (3) <i>PR: FREN 313 and FREN 314</i>
FREN 382*	French for World Business II (3) <i>PR: FREN 313 and FREN 314</i>
GRMN 331*	German for Business (3) <i>PR: None</i> <b>GRM</b>
GRMN 332*	German in International Business (3) <i>PR: None</i> <b>GRM</b>
RUSS 331*	Business Russian (3) <i>PR: RUSS 202 or instructor permission</i> <b>RUS</b>
SPAN 318 *	Spanish for International Business (3) <i>PR: SPAN 313 and one of the following: SPAN 312, 314, 328; or SPAN 350; or instructor permission</i>
SPAN 418*	Advanced Spanish for Business Communication (3) <i>PR: SPAN 317 and SPAN 318</i>
INTB 322	International Business (3) <i>PR: ECON 200 and 201</i>
MGMT 325	International Management (3) <i>PR: MGMT 301</i>
MGMT 391	The International Corporation: A Comparative Approach (3) <i>PR: ECON 200 and 201 or instructor permission</i>
MKTG 326	International Marketing (3) <i>PR: MKTG 302, ECON 200 and 201</i>

**Note:** \*Courses marked with an asterisk are taught in that language.

### Literature and Culture

ANTH 326	Peoples and Cultures of Europe (3) <i>PR: ANTH 101 or instructor permission</i>
ENGL 201	British Literature to 1800 (3) <i>PR: English 110 or equivalent</i> <b>BRT</b>
ENGL 202	British Literature since 1800 (3) <i>PR: English 110 or equivalent</i> <b>BRT</b>
ENGL 204	Survey of European Literature II (3) <i>PR: English 110 or equivalent</i>
ENGL 302	Shakespeare (3) <i>PR: English 110 or equivalent</i> <b>BRT</b>
ENGL 304	Chaucer (3) <i>PR: English 110 or equivalent</i> <b>BRT</b>
ENGL 306	Milton (3) <i>PR: English 110 or equivalent</i> <b>BRT</b>
ENGL 314	The Sixteenth Century (3) <i>PR: English 110 or equivalent</i> <b>BRT</b>
ENGL 317	The Seventeenth Century (3) <i>PR: English 110 or equivalent</i> <b>BRT</b>
ENGL 318	The Eighteenth Century (3) <i>PR: English 110 or equivalent</i> <b>BRT</b>
ENGL 321	The Romantic Period (3) <i>PR: English 110 or equivalent</i> <b>BRT</b>
ENGL 323	The Victorian Period (3) <i>PR: English 110 or equivalent</i> <b>BRT</b>
ENGL 325	Modern British Literature (3) <i>PR: English 110 or equivalent</i> <b>BRT</b>
ENGL 326	Irish Literature (3) <i>PR: English 110 or equivalent</i>
ENGL 327	The British Novel: I (3) <i>PR: English 110 or equivalent</i> <b>BRT</b>
ENGL 328	The British Novel: II (3) <i>PR: English 110 or equivalent</i> <b>BRT</b>
ENGL 335	Modern Poetry (3) <i>PR: English 110 or equivalent</i>
ENGL 337	British Drama to 1642 (3) <i>PR: English 110 or equivalent</i> <b>BRT</b>
ENGL 340	Restoration and 18th-Century Drama (3) <i>PR: English 110 or equivalent</i> <b>BRT</b>
ENGL 350	Major Authors (3) <i>PR: English 110 or equivalent</i>
ENGL 357	Studies in Contemporary British Literature (3) <i>PR: English 110 or equivalent</i>
LTFR 150	French Literature in (English) Translation (3) <i>PR: None</i>
LTFR 250	Francophone Literature in (English) Translation (3) <i>PR: None</i>
LTGR 150	German Literature in (English) Translation (3) <i>PR: None</i> <b>GRM</b>
LTGR 250	German Literature in (English) Translation (3) <i>PR: None</i> <b>GRM</b>

LTGR 270	Studies in German Film (3) <i>PR: None</i> <b>GRM</b>
LTGR 450	German Literature in (English) Translation (3) <i>PR: None</i> <b>GRM</b>
LTIT 250	Italian Literature in (English) Translation (3) <i>PR: None</i> <b>ITL</b>
LTIT 270	Introduction to Italian Cinema (3) <i>PR: None</i> <b>ITL</b>
LTIT 350	Italian Literature in (English) Translation (3) <i>PR: None</i> <b>ITL</b>
LTIT 370	Studies in Italian Film and Literature (English) (3) <i>PR: None</i> <b>ITL</b>
LTIT 450	Italian Literature in (English) Translation (3) <i>PR: None</i> <b>ITL</b>
LTRS 110	Russian Folktales in Translation (3) <i>PR: None</i> <b>RUS</b>
LTRS 120	Window into Russia: The Major People, Events, and Influences of Russia's Cultural History (3) <i>PR: None</i> <b>RUS</b>
LTRS 150	Russian Literature in (English) Translation (3) <i>PR: None</i> <b>RUS</b>
LTRS 210	19th century Russian Literature (3) <i>PR: None</i> <b>RUS</b>
LTRS 220	20th century Russian Literature (3) <i>PR: None</i> <b>RUS</b>
LTRS 250	Russian Literature in (English) Translation (3) <i>PR: None</i> <b>RUS</b>
LTRS 270	Studies in Russian Film (3) <i>PR: None</i> <b>RUS</b>
LTRS 350	Russian Literature in (English) Translation (3) <i>PR: None</i> <b>RUS</b>
LTRS 450	Russian Literature in (English) Translation (3) <i>PR: None</i> <b>RUS</b>
LTSP 250	Spanish Literature in (English) Translation: A Foreign Literature (3) <i>PR: None</i>
LTSP 350	Spanish Literature in (English) Translation: A Foreign Author (3) <i>PR: None</i>
LTSP 450	Spanish Literature in (English) Translation: Comparative Literature (3) <i>PR: None</i>
ARTH 220	History of Greek and Roman Art (3) <i>PR: None</i>
ARTH 225	Medieval Art (3) <i>PR: None</i>
ARTH 277	Renaissance Art (3) <i>PR: None</i> <b>ITL</b>
ARTH 280	History of Baroque Art (3) <i>PR: None</i> <b>ITL</b>
ARTH 285	Modern Art (3) <i>PR: None</i>
ARTH 301	Studies in Ancient and Medieval Art (3) <i>PR: Instructor permission or 6 credit hours of art history or ARTH 299</i>
ARTH 303	Studies in Renaissance and Baroque Art (3) <i>PR: Instructor permission or 6 credit hours of art history or ARTH 299</i>
ARTH 306	Studies in Modern, Contemporary, and Film Arts (3) <i>PR: Instructor permission or 6 credit hours of art history or ARTH 299</i>
ARTH 350	History of Early Christian and Byzantine Art (3) <i>PR: Instructor permission or 6 credit hours of art history or ARTH 299</i> <b>RUS</b>
ARTH 355	History of Early Medieval and Romanesque Art (3) <i>PR: Instructor permission or 6 credit hours of art history or ARTH 299</i>
ARTH 360	History of Gothic Art (3) <i>PR: Instructor permission or 6 credit hours of art history or ARTH 299</i>
ARTH 362	History of Medieval Manuscript Illumination (3) <i>PR: Instructor permission or 6 credit hours of art history or ARTH 299</i>
ARTH 365	History of Northern Renaissance Painting (3) <i>PR: Instructor permission or 6 credit hours of art history or ARTH 299</i> <b>GRM</b>
ARTH 370	History of Italian Early Renaissance Art (3) <i>PR: Instructor permission or 6 credit hours of art history or ARTH 299</i> <b>ITL</b>
ARTH 375	History of Italian High and Late Renaissance Art (3) <i>PR: Instructor permission or 6 credit hours of art history or ARTH 299</i> <b>ITL</b>
ARTH 381	Spanish Baroque Painting and Sculpture (3) <i>PR: Instructor permission or 6 credit hours of art history or ARTH 299</i>
ARTH 385	History of European Painting, 1700–1850 (3) <i>PR: Instructor permission or 6 credit hours of art history or ARTH 299</i>
ARTH 389	19th Century European Art (3) <i>PR: Instructor permission or 6 credit hours of art history or ARTH 299</i> <b>GRM</b>
ARTH 390	20th-Century European Art (3) <i>PR: Instructor permission or 6 credit hours of art history or ARTH 299</i> <b>GRM, RUS</b>
ARTH 394	History of 18th- and 19th-Century Western Architecture (3) <i>PR: Instructor permission or 6 credit hours of art history or ARTH 299</i>
ARTH 395	History of 20th-Century Architecture (3) <i>PR: Instructor permission or 6 credit hours of art history or ARTH 299</i>
MUSC 230	Masterworks of Music Literature (3) <i>PR: MUSC 131 or instructor permission</i> <b>GRM</b>
MUSC 337	Opera Literature (3) <i>PR: MUSC 131 or 230 or instructor permission</i> <b>GRM, ITL</b>
MUSC 381	Music History I (3) <i>PR: MUSC 247 or instructor permission</i>
MUSC 382	Music History II (3) <i>PR: MUSC 381 or instructor permission</i>
THTR 310	Theatre History and Literature to 1750 (3) <i>PR: None</i>
THTR 311	Theatre History and Literature after 1750 (3) <i>PR: None</i>
THTR 387	The Contemporary Theatre (3) <i>PR: None</i>
FREN 220*	Special Assignment Abroad (1-3) <i>PR: None</i>
FREN 321*	A Survey of French Literature (3) <i>PR: FREN 313 and FREN 314 or instructor permission</i>
FREN 327*	A Survey of French Civilization (3) <i>PR: FREN 313 and FREN 314 or instructor permission</i>

FREN 330*	Collateral Study (1-3) <i>PR: Instructor permission</i>
FREN 360*	French Language Study Abroad (3) <i>PR: FREN 202 or FREN 250, or instructor permission</i>
FREN 361*	Current Issues in France or the French-Speaking World (3) <i>PR: FREN 202 or 250 or permission of instructor</i>
FREN 363*	Advanced French Culture (3) <i>PR: FREN 202 or 250 or permission of instructor</i>
FREN 370*	Studies in French and Francophone Literature and Film (3) <i>PR: FREN 202 or 250 or permission of instructor</i>
FREN 431*	The Middle Ages and the Renaissance in France (3) <i>PR: FREN 313 and FREN 314, and either FREN 320 or 321; or instructor permission</i>
FREN 432*	Literature of the 17th Century (3) <i>PR: FREN 313 and FREN 314, and either FREN 320 or 321; or instructor permission</i>
FREN 434*	Literature of the 18th Century (3) <i>PR: FREN 313 and FREN 314, and either FREN 320 or 321; or instructor permission</i>
FREN 435*	Literature of the 19th Century (3) <i>PR: FREN 313 and FREN 314, and either FREN 320 or 321; or instructor permission</i>
FREN 437*	Literature of the 20th Century (3) <i>PR: FREN 313 and FREN 314, and either FREN 320 or 321; or instructor permission</i>
FREN 443*	The Novel in France (3) <i>PR: FREN 313 and FREN 314, and either FREN 320 or 321; or instructor permission</i>
FREN 482*	French and Francophone Women Writers (3) <i>PR: FREN 313 and FREN 314, and either FREN 320 or 321; or instructor permission</i>
GRMN 320*	Special Assignment Abroad (3) <i>PR: GRMN 202, 250, placement, or instructor permission</i> <b>GRM</b>
GRMN 325*	German Contemporary Issues (3) <i>PR: None</i> <b>GRM</b>
GRMN 326*	German Media (3) <i>PR: GRMN 202, 250, placement, or instructor permission</i> <b>GRM</b>
GRMN 328*	German Language Study Abroad (3) <i>PR: None</i> <b>GRM</b>
GRMN 329*	Current Issues in Germany or the German-Speaking World (3) <i>PR: None</i> <b>GRM</b>
GRMN 365*	Introduction to Literature (3) <i>PR: None</i> <b>GRM</b>
GRMN 424*	German Civilization and Culture (3) <i>PR: One 300-level German course or instructor permission</i> <b>GRM</b>
GRMN 460*	German Literary Heritage (3) <i>PR: Two 300-level German courses or instructor permission</i> <b>GRM</b>
GRMN 468*	Studies in Modern German Literature (3) <i>PR: One 300-level German course or instructor permission</i> <b>GRM</b>
GRMN 472*	Studies in German Cinema (3) <i>PR: One 300-level German course or instructor permission</i> <b>GRM</b>
ITAL 328*	Italian Language Study Abroad (3) <i>PR: None</i> <b>ITL</b>
ITAL 361*	Survey of Italian Literature I (3) <i>PR: ITAL 202 or instructor permission</i> <b>ITL</b>
ITAL 362*	Survey of Italian Literature II (3) <i>PR: ITAL 202 or instructor permission</i> <b>ITL</b>
ITAL 452*	20th-Century Italian Literature (3) <i>PR: ITAL 313 or 314, or instructor permission</i> <b>ITL</b>
SPAN 320*	Introduction to the Study of Hispanic Literature (3) <i>PR: SPAN 313 and one of the following: SPAN 312, 314, 328; or SPAN 350; or instructor permission</i>
SPAN 328*	Spanish Language Study Abroad (3) <i>PR: SPAN 275 or instructor permission</i>
SPAN 333*	Topics in Hispanic Cultures (3) <i>PR: SPAN 313 and one of the following: SPAN 312, 314, 317, 328; or SPAN 350. Department chair permission required</i>
SPAN 361*	Survey of Spanish Literature I (3) <i>PR: SPAN 320 or instructor permission</i>
SPAN 362*	Survey of Spanish Literature II (3) <i>PR: SPAN 320 or instructor permission</i>
SPAN 446*	History of the Spanish Language (3) <i>PR: SPAN 381 or instructor permission</i>
SPAN 451*	18th- and 19th-Century Spanish Literature (3) <i>PR: SPAN 320 and an additional 300-level literature course; or instructor permission</i>
SPAN 452*	20th-Century Spanish Literature (3) <i>PR: SPAN 320 and an additional 300-level literature course; or instructor permission</i>
SPAN 453*	Don Quijote de La Mancha (3) <i>PR: SPAN 320 and an additional 300-level literature course; or instructor permission</i>
SPAN 473*	The Golden Age (3) <i>PR: SPAN 320 and an additional 300-level literature course; or instructor permission</i>
SPAN 474*	Contemporary Spanish Theatre (3) <i>PR: SPAN 320 and an additional 300-level literature course; or instructor permission</i>
SPAN 475*	Medieval Literature of the Iberian Peninsula (3) <i>PR: SPAN 320 and an additional 300-level literature course; or instructor permission</i>

**Note:** \*Courses marked with an asterisk are taught in that language.

**Capstone: Complete 3 credit hours from the following:**

EUST 400 European Studies Capstone (3) *PR: Consult with your faculty advisor.*

**Foreign Language Requirement:** Complete 202 (or the equivalent) in one European foreign language and an additional 6 credit hours in the same or a different European foreign language (or the equivalent) or related language. Students with a Germany, Italy or

Russia focus must fulfill the requirement entirely in those languages. Foreign language courses above the 200 level may double count for the major and Foreign Language Requirement.

**Study Abroad Requirement:** Earn 6 credit hours (may be applied to the Concentration)

**Note:** *Departmental special topics, research seminars, tutorials, and independent study courses will also be counted as appropriate.*

## Latin America and the Caribbean Concentration (21+ credit hours)

The Latin America and the Caribbean Concentration in International Studies requires completion of 21 credit hours including a 3 credit hour core course, a Cross Regional (INTL 350) course of 3 credit hours, and 15 credit hours of electives chosen from the History and Politics and Literature, Film and Culture categories with at least 3 credit hours in each of three disciplines.

Students may focus on Brazil by taking their required and elective courses from those designated BRAZ and fulfilling their language requirement in Portuguese.

### Core Course

LACS 101 Introduction to Latin American and Caribbean Studies (3) PR: None **BRAZ**

### Cross Regional Course

INTL 350 Cross Regional Studies (3) PR: None

**Electives (15 Credit Hours):** Select 9 credit hours from one category and 6 credit hours from the other - History and Politics category and Literature, Film, and Culture category.

### History and Politics

- ANTH 328 Aztecs, Maya and their Ancestors (3) PR: ANTH 101 or ANTH 202 or instructor permission
- HIST 262 Colonial Latin America (3) PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).
- HIST 263 Modern Latin America (3) PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).
- HIST 364 Sugar and Slaves in Colonial Brazil (3) PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>). **BRAZ**
- HIST 365 Modern Brazil (3) PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>). **BRAZ**
- HIST 366 Comparative Slavery in the Americas (3) PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).
- POLI 340 Politics of Latin America (3) PR: None
- POLI 351 Politics of Contemporary Brazil (3) PR: None **BRAZ**
- POLI 347 International Development: Theories and Practices (3) PR: None **BRAZ**
- POLI 245 Cuban Revolution (3) PR: None
- POLI 266 International Diplomacy Studies (3) PR: None

### Literature, Film, and Culture

- ANTH 325 Peoples and Cultures of Latin America (3) PR: ANTH 101 or ANTH 202 or instructor permission
- ANTH 327 Peoples and Cultures of the Caribbean (3) PR: ANTH 101 or ANTH 202 or instructor permission
- ARTH 205 Pre-Columbian Art and Culture (3) PR: None
- ARTH 255 Latin American Colonial Art (3) PR: None
- ENGL 233 Survey of Non-Western 20th Century Literature (3) PR: ENGL 110 or equivalent
- ENGL 234 Survey of Third World Masterpieces (3) PR: ENGL 110 or equivalent
- ENGL 358 Colonial and Post-Colonial British Literature (3) PR: ENGL 110 or equivalent
- FREN 320 A Survey of Francophone Literature (3) PR: FREN 313 and FREN 314 or instructor permission
- FREN 326 A Survey of Francophone Civilization (3) PR: FREN 313 and FREN 314 or instructor permission
- LACS 103 Introduction to Contemporary Cuba (3) PR: None
- LACS 104 Introduction to Contemporary Chile (3) PR: None
- LACS 105 Introduction to Contemporary Brazil (3) PR: None **BRAZ**
- LACS 106 Introduction to Contemporary Argentina (3) PR: None
- LACS 332 Latin American Politics and Society in Film (3) PR: None
- LTPO 250 Portuguese Literature In Translation: A Foreign Literature (3) PR: None **BRAZ**

LTPO 270	Studies in Brazilian Film (3) <i>PR: None</i> <b>BRAZ</b>
LTPO 280	Studies in Brazilian Civilization and Culture (3) <i>PR: None</i> <b>BRAZ</b>
LTPO 350	Portuguese Literature In Translation: A Foreign Author (3) <i>PR: None</i> <b>BRAZ</b>
LTPO 450	Portuguese Literature In Translation: Comparative Literature (3) <i>PR: None</i> <b>BRAZ</b>
LTSP 252	Contemporary Latin American Literature in Translation (3) <i>PR: None</i>
LTSP 254	Society, History and Culture in Spanish American Literature (3) <i>PR: None</i>
LTSP 256	Magic and The Real in Latin American Literature and Film (3) <i>PR: None</i>
SPAN 315	Special Assignment Abroad (3) <i>PR: SPAN 313 and one of the following: SPAN 312, 314, 328; or SPAN 350; or instructor permission</i>
SPAN 328	Spanish Language Study Abroad (3) <i>PR: SPAN 275 or instructor permission</i>
SPAN 333	Topics in Hispanic Cultures (3) <i>PR: SPAN 313 and one of the following: 312, 314, 317, 328; or SPAN 350. Department chair permission required.</i>
SPAN 371	Survey of Spanish American Literature I (3) <i>PR: SPAN 320 or instructor permission</i>
SPAN 372	Survey of Spanish American Literature II (3) <i>PR: SPAN 320 or instructor permission</i>
SPAN 447	Spanish Dialectology (3) <i>PR: SPAN 381 or instructor permission</i>
SPAN 454	Contemporary Spanish-American (3) <i>PR: SPAN 320 and an additional 300-level literature course; or instructor permission</i>
SPAN 455	Contemporary Spanish-American Fiction (3) <i>PR: SPAN 320 and an additional 300-level literature course; or instructor permission</i>
SPAN 456	Contemporary Spanish-American Theater (3) <i>PR: SPAN 320 and an additional 300-level literature course; or instructor permission</i>
SPAN 457	Early Colonial Spanish-American Texts (3) <i>PR: SPAN 320 and an additional 300-level literature course; or instructor permission</i>
SPAN 458	Contemporary Hispanic Caribbean Theater (3) <i>PR: SPAN 320 and an additional 300-level literature course; or instructor permission</i>

**Foreign language Requirement:** Spanish, French and Portuguese. Complete 202 (or the equivalent) in Spanish, French or Portuguese language and an additional 6 credit hours in the same or the other language (or the equivalent) or related language. Students with a Brazil focus must fulfill the requirement entirely in Portuguese. Spanish, French and Portuguese language courses above the 200-level may double count for the major and Foreign Language Requirement.

**Study Abroad Requirement:** Earn 6 credit hours (may be applied to the Concentration).

**Note:** *Departmental special topics, research seminar, tutorials, and independent study courses will also be counted as appropriate.*

## Jewish Studies Major Requirements

Degree: Bachelor of Arts

Credit Hours: 40+

"PR" indicates a pre-requisite. "CO" indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult <http://registrar.cofc.edu/general-edu> for more information.

### Required Courses

HBRW 101	Elementary Modern Hebrew I (4) <i>PR: None</i>
HBRW 102	Elementary Modern Hebrew II (4) <i>PR: HBRW 101 or placement</i>
HBRW 201	Intermediate Modern Hebrew I (4) <i>PR: HBRW 102 or placement</i>
HBRW 202	Intermediate Modern Hebrew II (4) <i>PR: HBRW 201 or placement</i>
JWST 210	Jewish History I: Ancient to Modern (3) <i>PR: None</i>
JWST 215	Jewish History II: Modern to Present (3) <i>PR: None</i>
JWST 450	Research Seminar in Jewish Studies (3) <i>PR: Senior standing or instructor permission</i>

**Note:** *Students placing out of any of HBRW 101-202 do not receive credit toward the major; they must substitute another class for each HBRW course they place out of.*

**Select five additional courses from the following of which at least three courses are at the 300-level or above:**

FYSM 142*	First-Year Seminar in Jewish Studies (3) <i>PR: None</i>
HBRW 313	Hebrew Conversation and Composition (3) <i>PR: HBRW 202 or placement</i>
HBRW 314	Hebrew Conversation and Composition (3) <i>PR: HBRW 313 or placement</i>

HIST 213	American Jewish History: Colonial Times to Present (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 244*	History of Germany from 1866 to the Present (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 344*	Modern Europe Cultural History (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 345*	Modern German Cultural and Intellectual History (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 359	Modern Jewish History: French Revolution to the Present (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
JWST 200	The Jewish Tradition (3) <i>PR: None</i>
JWST 230	The Holocaust (3) <i>PR: None</i>
JWST 240	Jewish Philosophy (3) <i>PR: None</i>
JWST 245/ENGL 191	Introduction to Jewish-American Literature (3) <i>PR: None</i>
JWST 300	Special Topics in Jewish Studies (3) <i>PR: None</i>
JWST 310	Topics in Jewish History (3) <i>PR: None</i>
JWST 315	Southern Jewish History (3) <i>PR: None</i>
JWST 320	Topics in American Jewish Culture (3) <i>PR: None</i>
JWST 325	Jewish Mysticism (3) <i>PR: None</i>
JWST 330	Representations of the Holocaust (3) <i>PR: None</i>
JWST 335	Modern Jewish Politics (3) <i>PR: None</i>
JWST 400	Independent Study in Jewish Studies (3) <i>PR: None</i>
PHIL 255*	Philosophy of Religion (3) <i>PR: None</i>
POLI 344	Politics of the Middle East (3) <i>PR: None</i>
POLI 359*	Special Topics in Comparative Politics (3) <i>PR: None</i>
RELS 201	Hebrew Bible (3) <i>PR: None</i>
RELS 225	The Jewish Tradition (3) <i>PR: None</i>
RELS 310*	Sacred Texts (3) <i>PR: 3 credit hours in religious studies or instructor permission</i>

**Note:** \*These courses must have specifically Jewish content to count towards the Jewish Studies major.

## Latin American and Caribbean Studies Major Requirements

Degree: Bachelor of Arts

Credit Hours: 37+

"PR" indicates a pre-requisite. "CO" indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult <http://registrar.cofc.edu/general-edu> for more information.

### Major Requirements

The curriculum in Latin American and Caribbean Studies is divided into two sequences. Category A: History - Politics - Society and Category B: Literature-Art-Culture. To ensure depth and breadth, students must take 15 credit hours in each sequence with no more than 12 credit hours in any one discipline (except LACS); and no more than 15 credit hours at the 200-level or below (except LACS). All students must take the LACS 101 Introduction to Latin American and Caribbean Studies; INTL 300 Comparative Methodology in International Studies; and the LACS 495 Latin American and Caribbean Studies Capstone.

All students are required to take an additional year of foreign language beyond the College general education foreign language requirement. Students must fulfill their language requirement in Spanish, Portuguese or French. The language requirement may be fulfilled by 6 semesters (or the equivalent) in one language or four semesters in one language and two semesters in another.

All majors are required to spend one semester or summer in a study or internship abroad program and earn a minimum of 6 credit hours (which may be part of the 37 credit hour major). Abroad program must be arranged with the Director of the Program and with the provision for an alternative or exemption on the basis of special circumstances.

The courses listed below may be supplemented by Special Topics, Tutorials, Independent Studies, Internships and Bachelor's Essays that focus on Latin America and /or the Caribbean in the various disciplines as well as study abroad courses not taken in College of Charleston programs.

Latin American and Caribbean Studies majors may also double major or minor in other fields. Double majors and minors gain extra skills and knowledge.

### Required Courses

LACS 101	Introduction to Latin American and Caribbean Studies (3) <i>PR: None</i>
INTL 300	Comparative Methodology (1) <i>PR: Students should take INTL 300 after completing 15 credit hours of the major.</i>
LACS 495	Latin American and Caribbean Studies Capstone (3) <i>PR: Students should take the LACS 495 after completing 30 credit hours of the major.</i>

**Select five courses totaling 15 credit hours from the courses listed in Category A:**

### Category A: History - Politics - Civilization

#### History

HIST 262	Colonial Latin America (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 263	Latin America Since Independence (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 364	Sugar and Slaves in Colonial Brazil (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 365	Modern Brazil (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 366	Comparative Slavery in the Americas (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>

#### Politics

POLI 340	Politics of Latin America (3) <i>PR: None</i>
POLI 347	International Development: Theories and Practices (3) <i>PR: None</i>
POLI 351	Politics of Contemporary Brazil (3) <i>PR: None</i>
POLI 245	Cuban Revolution (3) <i>PR: None</i>
POLI 266	International Diplomacy Studies (3) <i>PR: None</i>

#### Sociology/Anthropology

ANTH 328	Aztecs, Maya and their Ancestors (3) <i>PR: ANTH 101 or ANTH 202 or instructor permission</i>
ANTH 325	Peoples and Cultures of Latin America (3) <i>PR: ANTH 101 or ANTH 202 or instructor permission</i>
ANTH 327	Peoples and Cultures of the Caribbean (3) <i>PR: ANTH 101 or ANTH 202 or instructor permission</i>
SOCY 362	Social and Cultural Change (3) <i>PR: SOCY 101 or HONS 167 or SOCY 102</i>

#### Spanish

SPAN 333	Topics in Hispanic Cultures (3) <i>PR: SPAN 313 and one of the following: 312, 314, 317, 328; or SPAN 350. Department chair permission required.</i>
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#### French

FREN 326	A Survey of Francophone Civilization (3) <i>PR: FREN 313 and FREN 314 or instructor permission</i>
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**Select five courses totaling 15 credit hours from the courses listed in Category B:**

### Category B: Literature –Art– Culture

#### Art History

ARTH 205	Pre-Columbian Art and Culture (3) <i>PR: None</i>
ARTH 255	Latin American Colonial Art (3) <i>PR: None</i>

**English**

- ENGL 233 Survey of Non-Western 20th Century Literature (3) *PR: ENGL 110 or equivalent*  
 ENGL 234 Survey of Third World Masterpieces (3) *PR: ENGL 110 or equivalent*  
 ENGL 358 Colonial and Post-Colonial British Literature (3) *PR: ENGL 110 or equivalent*

**Portuguese Literature In Translation**

- LTPO 150 Portuguese Literature in (English) Translation (3) *PR: None*  
 LTPO 250 Portuguese Literature in (English) Translation: A Foreign Literature(3) *PR: None*  
 LTPO 270 Studies in Brazilian Film (3) *PR: None*  
 LTPO 280 Studies in Brazilian Civilization and Culture Through Literature (3) *PR: None*  
 LTPO 350 Portuguese Literature in (English) Translation: A Foreign Author (3) *PR: None*  
 LTPO 450 Portuguese Literature in (English) Translation: Comparative Literature (3) *PR: None*

**Spanish Literature In Translation**

- LTSP 150 Literature in (English) Translation: Gallery World Literatures (3) *PR: None*  
 LTSP 250 Literature in (English) Translation: A Foreign Literature (3) *PR: None*  
 LTSP 252 Contemporary Latin American Literature in Translation (3) *PR: None*  
 LTSP 254 Society, History and Culture in Spanish-American Literature (3) *PR: None*  
 LTSP 256 Magic and The Real: Latin American Literature and Film (3) *PR: None*  
 LTSP 350 Spanish Literature in (English) Translation: A Foreign Author (3) *PR: None*  
 LTSP 450 Spanish Literature in (English) Translation: Comparative Literature (3) *PR: None*

**Portuguese**

- PORT 291 Portuguese for Spanish Speakers (3) *PR: Spanish native speakers, Spanish majors or minors (or completed 15 or more credit hours in college-level Spanish) or instructor permission.*

**Spanish**

- SPAN 315 Special Assignment Abroad (3) *PR: SPAN 313 and one of the following: SPAN 312, 314, 328; or SPAN 350; or instructor permission*  
 SPAN 328 Spanish Language Study Abroad (3) *PR: SPAN 275 or instructor permission*  
 SPAN 371 Survey of Spanish American Literature I (3) *PR: SPAN 320 or instructor permission*  
 SPAN 372 Survey of Spanish American Literature II (3) *PR: SPAN 320 or instructor permission*  
 SPAN 447 Spanish Dialectology (3) *PR: SPAN 381 or instructor permission*  
 SPAN 454 Contemporary Spanish-American Poetry (3) *PR: SPAN 320 and an additional 300-level literature course; or instructor permission*  
 SPAN 455 Contemporary Spanish-American Fiction (3) *PR: SPAN 320 and an additional 300-level literature course; or instructor permission*  
 SPAN 456 Contemporary Spanish-American Theatre (3) *PR: SPAN 320 and an additional 300-level literature course; or instructor permission*  
 SPAN 457 Early Colonial Spanish-American Texts (3) *PR: SPAN 320 and an additional 300-level literature course; or instructor permission*  
 SPAN 458 Contemporary Hispanic Caribbean Theater (3) *PR: SPAN 320 and an additional 300-level literature course; or instructor permission*

**French**

- FREN 320 A Survey of Francophone Literature (3) *PR: FREN 313 and FREN 314 or instructor permission*

**LACS courses may count for Category A or B****Latin American and Caribbean Studies**

- LACS 103 Introduction to Contemporary Cuba (3) *PR: None*  
 LACS 104 Introduction to Contemporary Chile (3) *PR: None*  
 LACS 105 Introduction to Contemporary Brazil (3) *PR: None*  
 LACS 106 Introduction to Contemporary Argentina (3) *PR: None*  
 LACS 200 Special Topics in Latin American and Caribbean Studies (3) *PR: None*  
 LACS 300 Special Topics in Latin American and Caribbean Studies (3) *PR: None*  
 LACS 332 Latin American Politics and Society in Film (3) *PR: None*  
 LACS 400 Independent Study in Latin American and Caribbean Studies (3) *PR: None*  
 LACS 401 Latin American and Caribbean Studies Internship (1-4) *PR: None*  
 LACS 499 Bachelor's Essay (6) *PR: None*



# Marine Biology Major Requirements

Degree: Bachelor of Science

Credit Hours: 64+

"PR" indicates a pre-requisite. "CO" indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult <http://registrar.cofc.edu/general-edu> for more information.

## Required Courses

BIOL 111 Introduction to Cell and Molecular Biology (3) PR: None; CO: BIOL 111L

BIOL 111L Introduction to Cell and Molecular Biology Lab (1) CO: BIOL 111

### OR

HONS 151 Honors Biology I (3) PR: None; CO: HONS 151L

HONS 151L Honors Biology I Lab (1) CO: HONS 151

BIOL 112 Evolution, Form, and Function of Organisms (3) PR: BIOL 111 and 111L; CO: BIOL 112L

BIOL 112L Evolution, Form, and Function of Organisms Lab (1) CO: BIOL 112L

### OR

HONS 152 Honors Biology II (3) PR: HONS 151 and 151L; CO: HONS 152L

HONS 152L Honors Biology II Lab (1) CO: HONS 152

BIOL 211 Biodiversity, Ecology, and Conservation Biology (4) PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L; CO: BIOL 211D

BIOL 211D Biodiversity, Ecology, and Conservation Biology Discussion (0) CO: BIOL 211

BIOL 305 Genetics (3) PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L; PR or CO: BIOL 211 and 211D and MATH 250 or instructor permission

BIOL 335 Biology of Fishes (4) PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250

BIOL 337 Invertebrate Zoology (4) PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250

BIOL 341 General Ecology (4) PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250

BIOL 342 Oceanography (4) PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250; one year of college-level Math and one year of college-level Chemistry

**Complete 3 credit hours of 300-level or above Biology courses from the BIOLOGY 300-LEVEL AND ABOVE ELECTIVES LIST.**

## BIOLOGY 300-LEVEL AND ABOVE ELECTIVES LIST

BIOL 300 Botany (4) PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250

BIOL 301 Plant Taxonomy (4) PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250

BIOL 302 Plant Anatomy (4) PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250

BIOL 303 Phycology (4) PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250

BIOL 304 Plant Physiology (4) PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and one year of Chemistry; PR or CO: BIOL 305 and MATH 250

BIOL 305L Genetics Lab (1) PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L; PR or CO: BIOL 211 and 211D, BIOL 305 and MATH 250

BIOL 310 General Microbiology (4) PR: One year of Chemistry and BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L; and BIOL 211 and 211D or CHEM 232 and 232L; PR or CO: MATH 250; BIOL 305 or CHEM 232 and 232L

- BIOL 312 Molecular Biology (3) *PR: One year of Chemistry and BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L; BIOL 211 and 211D and BIOL 305 or CHEM 232 and 232L; PR or CO: MATH 250*
- BIOL 312L Molecular Biology Laboratory (1) *PR or CO: BIOL 312 and MATH 250. Students cannot use both BIOL 412 and BIOL 312L towards their major requirements.*
- BIOL 313 Cell Biology (3) *PR: One year of Chemistry and BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L; and BIOL 211 and 211D or CHEM 232 and 232L; PR or CO: MATH 250; BIOL 305 or CHEM 232 and 232L*
- BIOL 313L Cell Biology Laboratory (1) *PR or CO: BIOL 313 and MATH 250*
- BIOL 314 Immunology (3) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305 and one year of Chemistry; PR or CO: MATH 250*
- BIOL 320 Histology (4) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250*
- BIOL 321 General and Comparative Physiology (4) *PR: One year of Chemistry and BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L; BIOL 211 and 211D and BIOL 305 or CHEM 232 and 232L; PR or CO: MATH 250 or equivalent course in statistics or instructor permission*
- BIOL 322 Developmental Biology (4) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305; PR or CO: MATH 250*
- BIOL 323 Comparative Anatomy of Vertebrates (4) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250*
- BIOL 332 Vertebrate Zoology (4) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250*
- BIOL 333 Ornithology (4) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250*
- BIOL 334 Herpetology (4) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250*
- BIOL 336 Parasitology (4) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305; PR or CO: MATH 250*
- BIOL 338 Entomology (4) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250*
- BIOL 339 Dinosaur Biology (3) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250*
- BIOL 340 Zoogeography (3) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250*
- BIOL 343 Animal Behavior (4) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305; PR or CO: MATH 250*
- BIOL 350 Evolution (3) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305; PR or CO: MATH 250*
- BIOL 351 Principles of Neurobiology (3) *PR: PSYC 103 and BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L; BIOL 211 and 211D or PSYC 214; PR or CO: MATH 250*
- BIOL 352 Neurobiology and Behavior (3) *PR: BIOL 351 or PSYC 351 or PSYC 214; PR or CO: MATH 250*
- BIOL 353 Hormones and Behavior (3) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250*
- BIOL 354 Techniques in Neuroscience (4) *PR: BIOL 351 or PSYC 351; MATH 250 or PSYC 211 and PSYC 220 or PSYC 250; and instructor permission*
- BIOL 357 Oceanographic Research (4) *PR: BIOL 342 and instructor permission; PR or CO: MATH 250*
- BIOL 360 Introduction to Biometry (3) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250*
- BIOL 396 Biophysical Modeling of Excitable Cells (3) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and PHYS 111 and 111L and PHYS 112 and 112 L or HONS 158 and 158L or BIOL 211 and 211D and BIOL 305 and PHYS 101 and 101L and PHYS 102 and 102L; PR or CO: MATH 250*
- BIOL 399 Tutorial (1-3) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305; 3.00 GPA or higher in BIOL; junior standing and tutor and department chair permission; PR or CO: MATH 250*

- BIOL 406 Conservation Biology (3) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305 and BIOL 341 or permission of instructor; PR or CO: MATH 250*
- BIOL 410 Applied and Environmental Microbiology (4) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; BIOL 310 and one year of Chemistry; PR or CO: BIOL 305 and MATH 250*
- BIOL 411 Microtechnique and Cytochemistry (4) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and one year of Chemistry; PR or CO: BIOL 305 and MATH 250*
- BIOL 412 Capstone in Molecular Biology (3) *PR: BIOL 111/111L or HONS 151/151L, BIOL 112/112L or HONS 152/152L, BIOL 211/211D, BIOL 305, BIOL 312, MATH 111 PR or CO: CHEM 351, MATH 250. Students cannot use both BIOL 412 and BIOL 312L towards their major requirements.*
- BIOL 414 Environmental Immunology (3) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and one year of Chemistry; PR or CO: BIOL 305 and BIOL 312 or BIOL 313 or CHEM 351 and MATH 250*
- BIOL 420 General and Comparative Endocrinology (4) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; PR or CO: BIOL 305 and MATH 250 and a course in physiology or instructor permission*
- BIOL 421 Topics in Physiology, Cell, and Molecular Biology of Marine Organisms (3) *PR: BIOL 312 or 313; BIOL 321 and instructor permission; PR or CO: MATH 250*
- BIOL 444 Plant Ecology (4) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 341 or instructor permission; PR or CO: BIOL 305 and MATH 250*
- BIOL 445 Systematic Biology (3) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305; junior standing and at least one upper division course in organismal Biology; PR or CO: MATH 250*
- BIOL 446 Special Topics in Neuroscience (3) *PR: Junior or senior standing and instructor permission; PR or CO: MATH 250*
- BIOL 447 Seminar in Neuroscience (3) *PR: BIOL 351 or PSYC 351 and BIOL 352 or PSYC 352; CO: BIOL 448 or PSYC 448; PR or CO: MATH 250*
- BIOL 448 Bachelor's Essay in Neuroscience (6) *PR: BIOL 351 or PSYC 351 and BIOL 352 or PSYC 352 and permission of student's major department and the neuroscience program director; PR or CO: MATH 250*
- BIOL 449 Biology of Coral Reefs (3) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305 and 341; 3.00 GPA or higher in BIOL; junior standing and 15 credit hours of BIOL completed or instructor and department chair permission; PR or CO: MATH 250*
- BIOL 450 Problems in Biology (1-4) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305; 3.00 GPA or higher in science courses; junior standing and instructor and department chair permission; PR or CO: MATH 250*
- BIOL 451 Problems in Marine Biology (1-4) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305; 3.00 GPA or higher in science courses; junior standing and instructor and department chair permission; PR or CO: MATH 250*
- BIOL 452 Seminar (1) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D; 2.50 GPA or higher in BIOL; junior standing and 15 credit hours of BIOL completed; PR or CO: BIOL 305 and MATH 250*
- BIOL 453 Special Topics (1-4) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and instructor permission; PR or CO: BIOL 305 and MATH 250*
- BIOL 455 Seminar in Molecular Biology (2) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305, 312 and 313; PR or CO: MATH 250*
- BIOL 499 Bachelor's Essay (6) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305; 3.00 GPA or higher in BIOL; instructor and department chair permission; PR or CO: MATH 250*
- BIOL 501 Biology of the Crustacea (4) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305 and 337; 3.00 GPA or higher in BIOL and junior standing and 15 credit hours of BIOL completed or instructor and department chair permission; PR or CO: MATH 250*

- BIOL 502 Special Topics in Marine Biology (1-4) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305; 3.00 GPA or higher in BIOL and junior standing and 15 credit hours of BIOL completed or instructor and department chair permission; PR or CO: MATH 250*
- BIOL 503 Special Topics in Ecology (3-4) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305 and 341; 3.00 GPA or higher in BIOL and junior standing and 15 credit hours of BIOL completed or instructor and department chair permission; PR or CO: MATH 250*

**Chemistry Requirement**

- CHEM 111 Principles of Chemistry (3) *PR or CO: unless students exempt MATH 111 (via diagnostic testing) or have completed this course as a pre-requisite, they are required to take MATH 111 as a co-requisite; CO: CHEM 111L*
- CHEM 111L Principles of Chemistry Lab (1) *CO: CHEM 111*
- AND**
- CHEM 112 Principles of Chemistry (3) *PR: CHEM 111 and 111L or HONS 153 and 153L; CO: CHEM 112L (MATH 120 strongly recommended)*
- CHEM 112L Principles of Chemistry Lab (1) *CO: CHEM 112*

**AND**

- CHEM 221 Quantitative Analysis (4) *PR: CHEM 112 and CHEM 112L or HONS 154 and HONS 154L; CO: CHEM 221L*

**OR**

- CHEM 231 Organic Chemistry (3) *PR: CHEM 112 and CHEM 112L or HONS 154 and HONS 154L; CO: CHEM 231L*
- CHEM 231L Introduction to Organic Chemistry Laboratory Techniques (1) *CO: CHEM 231*

**AND**

- CHEM 232 Organic Chemistry (3) *PR: CHEM 231 and CHEM 231L; CO: CHEM 232L*
- CHEM 232L Organic Synthesis and Analysis (1) *CO: CHEM 232*

**Physics Requirement**

- PHYS 101 Introductory Physics I (3) *PR: None; CO: PHYS 101L*
- PHYS 101L Introductory Physics Lab (1) *CO: PHYS 101*

**AND**

- PHYS 102 Introductory Physics II (3) *PR: PHYS 101 or PHYS 111 or HONS 157; CO: PHYS 102L*
- PHYS 102L Introductory Physics Lab (1) *CO: PHYS 102*

**OR**

- PHYS 111 General Physics I (3) *PR or CO: MATH 120 or equivalent or instructor permission; CO: PHYS 111L*
- PHYS 111L General Physics I Lab (1) *CO: PHYS 111L or instructor permission*

**AND**

- PHYS 112 General Physics II (3) *PR: PHYS 111 and 111L or HONS 157 and 157L; PR or CO: MATH 220 or equivalent or instructor permission; CO: PHYS 112L*
- PHYS 112L General Physics II Lab (1) *CO: PHYS 112 or instructor permission*

**Mathematics Requirement**

- MATH 120 Introductory Calculus (4) *PR: C- or better in MATH 111 or placement*
- MATH 250 Statistical Methods I (3) *PR: Either MATH 111, 120 or instructor permission*

**Complete one of the following Geology courses:**

- GEOL 101 Dynamic Earth (3) *PR: None; CO: GEOL 101L*
- GEOL 101L Dynamic Earth Lab (1) *CO: GEOL 101*
- GEOL 103 Environmental Geology (3) *PR: None; CO: GEOL 103L*
- GEOL 103L Environmental Geology Lab (1) *CO: GEOL 103*
- GEOL 107\* Introduction to Coastal and Marine Geology (3) *PR: None.*

**Note:** \*This course may not be used to fulfill natural science general education or Geology major requirements. Students may not receive credit for both GEOL 107 and 257. This course is recommended for Marine Biology majors.

**Notes:**

- *MATH 250 is a prerequisite for all 300-level BIOL courses.*
- *CHEM 221 is a recommended course.*
- *Honors students can take the alternative sequence of HONS 191/HONS 191L, HONS 192/HONS 192L, HONS 293/HONS 293L, and HONS 294/HONS 294L in lieu of CHEM 111/111L, CHEM 112/112L, CHEM 231/231L, and CHEM 232/CHEM 232L*
- *Honors students can take the alternative sequence of HONS 157/HONS 157L and HONS 158/HONS 158L in lieu of PHYS 111/111L and PHYS 112/112L*

## Marketing Major Requirements

Degree: Bachelor of Science

Credit Hours: 63+

"PR" indicates a pre-requisite. "CO" indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult <http://registrar.cofc.edu/general-edu> for more information.

**Required Courses**

MATH 104	Elementary Statistics (3) <i>PR: Math 101 or placement</i>
<b>OR</b>	
MATH 250	Statistical Methods I (3) <i>PR: Math 111 or 120 or permission of the instructor</i>
MATH 105	Calculus for Business and Social Sciences (3) <i>PR: Math 101 or placement</i>
<b>OR</b>	
MATH 120	Introductory Calculus (4) <i>PR: Math 111 or placement</i>
<b>OR</b>	
HONS 115	Honors Calculus (4) <i>PR: None</i>
ECON 200	Principles of Microeconomics (3) <i>PR: None</i>
<b>OR</b>	
HONS 200	Honors Economics I (3) <i>PR: Math 120 or equivalent</i>
ECON 201	Principles of Macroeconomics (3) <i>PR: ECON 200</i>
<b>OR</b>	
HONS 211	Honors Economics II (3) <i>PR: HONS 200 or equivalent</i>
ACCT 203	Financial Accounting (3) <i>PR: sophomore standing</i>
ACCT 204	Managerial Accounting (3) <i>PR: ACCT 203; sophomore standing</i>
DSCI 232	Business Statistics (3) <i>PR: MATH 104 or MATH 250</i>
BLAW 205	Legal Environment of Business (3) <i>PR: sophomore standing</i>
MGMT 301	Management and Organizational Behavior (3) <i>PR: junior standing</i>
MKTG 302	Marketing Concepts (3) <i>PR: ECON 200, ECON 201, junior standing;</i>
FINC 303	Business Finance (3) <i>PR: Junior Standing; ACCT 203, 204, ECON 200, 201, MATH 104 or 250; (DSCI 232 is suggested)</i>
DSCI 304	Production and Operations Management (3) <i>PR: Junior standing; MATH 104 or MATH 250, MATH 105 or MATH 120, DSCI 232, MGMT 301</i>
DSCI 320	Management Information Systems (3) <i>PR: ACCT 203, ACCT 204, MATH 104 or MATH 250, DSCI 232, junior standing</i>
MKTG 320	Marketing Research (3) <i>PR: Junior standing; ECON 200, ECON 201, MATH 104 or MATH 250, DSCI 232, MKTG 302</i>
MKTG 326	International Marketing (3) <i>PR: Junior standing; ECON 200, ECON 201, MKTG 302</i>
MKTG 329	Consumer Behavior (3) <i>PR: Junior standing; ECON 200, ECON 201, MKTG 302</i>

MKTG 425 Strategic Marketing Management (3) *PR: Junior standing; ECON 200, ECON 201, MKTG 302, MKTG 320, MKTG 329*

**Select twelve credit hours of coursework from the following:**

MKTG 328 Retailing Management (3) *PR: Junior standing; ECON 200, ECON 201, MKTG 302*  
 MKTG 330 Advertising (3) *PR: Junior standing; ECON 200, ECON 201, MKTG 302*  
 MKTG 333 Purchasing and Supply Chain Management (3) *PR: Junior standing*  
 MKTG 360 Special Topics in Marketing (1-3) *PR: Junior standing*  
 MKTG 420 Independent Study (1-3) *PR: Junior standing and instructor and chair permission*  
 MKTG 444 Marketing Internship (3) *PR: Senior standing; declared major in School of Business*  
 TRAN 312 Global Logistics (3) *PR: Junior standing; ECON 200, ECON 201*

**Notes:**

- *The School of Business has the following admission standard: You must complete the following courses with a minimum grade of "C -": ECON 200, 201, \*MATH 104 or 250, 105 or 120, \*DSCI 232, \*ACCT 203, 204. \*Note: ECON majors must make a C- or better in MATH 120 and 250 as MATH 105 and 104 are not options in the major. ECON majors may take either MATH 350 or DSCI 232. ECON majors are not required to take ACCT 203 and 204.*
- The business and accounting programs offered by the School of Business is accredited by The Association to Advance Collegiate Schools of Business (AACSB).
- *Students are not permitted to double major in Business Administration and Marketing.*

## Mathematics (B.A.) Major Requirements

Degree: Bachelor of Arts

Credit Hours: 36+

"PR" indicates a pre-requisite. "CO" indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult <http://registrar.cofc.edu/general-edu> for more information.

**Required Courses**

MATH 120 Introductory Calculus (4) *PR: C- or better in MATH 111 or placement*  
 MATH 220 Calculus II (4) *PR: MATH 120 or MATH 105*  
 MATH 203 Linear Algebra (3) *PR: MATH 220 or instructor permission*  
 MATH 221 Calculus III (4) *PR: MATH 220*  
 MATH 295 Introduction to Abstract Mathematics (3) *PR: MATH 203 or 221*  
 MATH 303 Abstract Algebra I (3) *PR: MATH 203 and MATH 295*  
 MATH 311 Advanced Calculus (3) *PR: MATH 221 and MATH 295*  
 MATH 315 Introduction to Complex Variables (3) *PR: MATH 221 with a minimum grade of C or better*

**Select one of the following courses:**

MATH 403 Abstract Algebra II (3) *PR: MATH 303*  
 MATH 411 Advanced Calculus II (3) *PR: MATH 203 and MATH 311*

**Complete one of the following options:**

**Option 1: Select 6 credit hours from the following 300 and 400-level MATH courses of which at least 3 credit hours must be at the 400-level or above:**

MATH 305 Elementary Number Theory (3) *PR: MATH 295 or instructor permission*  
 MATH 307 Discrete Structures II (3) *PR: MATH 207 or MATH 295 or instructor permission*  
 MATH 320 History of Mathematics (3) *PR: MATH 295*  
 MATH 323 Differential Equations (3) *PR: MATH 221 and MATH 203 or instructor permission*  
 MATH 340 Axiomatic Geometry (3) *PR: MATH 295 or instructor permission*  
 MATH 350 Statistical Methods II (3) *PR: MATH 120 and MATH 250*  
 MATH 397 Research Experience Mathematics (0) *PR: Only declared math major may take a Zero Credit Research course; instructor permission and department chair approval*  
 MATH 399 Tutorial (3; repeatable up to 12 credit hours) *PR: Junior standing; tutor and department chair permission*  
 MATH 401 Introduction to Point Set Topology (3) *PR: MATH 311*

MATH 402	Advanced Linear Algebra (3) <i>PR: MATH 203 and MATH 303 or MATH 311</i>
MATH 403	Abstract Algebra II (3) <i>PR: MATH 303</i>
MATH 411	Advanced Calculus II (3) <i>PR: MATH 203 and MATH 311</i>
MATH 415	Complex Analysis (3) <i>PR: MATH 311</i>
MATH 417	Reading and Research (3) <i>PR: Senior standing; instructor and department chair permission</i>
MATH 418	Reading and Research (3) <i>PR: Senior standing; instructor and department chair permission</i>
MATH 421	Vector and Tensor Analysis (3) <i>PR: MATH 311</i>
MATH 423	Introduction to Partial Differential Equations (3) <i>PR: MATH 221 and MATH 323</i>
MATH 430	Mathematical Statistics I (3) <i>PR: MATH 221</i>
MATH 431	Mathematical Statistics II (3) <i>PR: MATH 430</i>
MATH 440	Statistical Learning I (3) <i>PR: MATH 203 and MATH 220 and MATH 350</i>
MATH 441	Statistical Learning II (3) <i>PR: MATH 440</i>
MATH 445	Numerical Analysis (3) <i>PR: MATH 203 and MATH 245 and MATH 323</i>
MATH 451	Linear Programming and Optimization (3) <i>PR: MATH 203 and MATH 221 and CSCI 220 or MATH 245 or instructor permission</i>
MATH 452	Operations Research (3) <i>PR: MATH 203 and MATH 430 and CSCI 220 or MATH 245</i>
MATH 455	Bayesian Statistical Methods (3) <i>PR: MATH 430</i>
MATH 470	Mathematical Modeling (3) <i>PR: MATH 203 and MATH 323 and MATH 246 or CSCI 220 or instructor permission</i>
MATH 485	Topics in Pure Mathematics (3) <i>PR: Instructor permission</i>
MATH 480	Topics in Applied Mathematics (3) <i>PR: Instructor permission</i>
MATH 490	Practicum in Mathematics (3) <i>PR: Senior standing; instructor and department chair permission</i>
<b>Option II: Complete the following</b>	
MATH 499	Bachelor's Essay (6) <i>PR: Instructor and department chair permission</i>

## Mathematics (B.S.) Major Requirements

Degree: Bachelor of Science

Credit Hours: 46+

"PR" indicates a pre-requisite. "CO" indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult <http://registrar.cofc.edu/general-edu> for more information.

### Required Courses

MATH 120	Introductory Calculus (4) <i>PR: C- or better in MATH 111 or placement</i>
MATH 220	Calculus II (4) <i>PR: MATH 120 or MATH 105</i>
MATH 203	Linear Algebra (3) <i>PR: MATH 220</i>
MATH 221	Calculus III (4) <i>PR: MATH 220</i>

**Select one of the following tracks (Actuarial, Applied, Pure, Statistics or Teacher Education):**

### Actuarial Track (Credit Hours: 52+)

MATH 250	Statistical Methods I (3) <i>PR: MATH 111 or MATH 120 or instructor permission</i>
MATH 350	Statistical Methods II (3) <i>PR: MATH 120 and MATH 250</i>
MATH 430	Mathematical Statistics I (3) <i>PR: MATH 221</i>
MATH 431	Mathematical Statistics II (3) <i>PR: MATH 430</i>

**Select one of the following course/lab pairings:**

CSCI 220	Computer Programming I (3) <i>PR: CSCI 120 or CSCI 180 or CSCI 210 or MATH 111 or department permission</i>
CSCI 220L	Computer Programming I Lab (1) <i>PR or CO: CSCI 220</i>

**OR**

MATH 245	Numerical Methods and Mathematical Computing (3) <i>PR: MATH 203 or MATH 220 or instructor permission; CO: MATH 246</i>
MATH 246	Mathematical Computing and Programming Lab (1) <i>PR: MATH 220 or instructor permission</i>

**Select 3 additional credit hours from the following:**

MATH 440	Statistical Learning I (3) <i>PR: MATH 203 and MATH 220 and MATH 350</i>
MATH 445	Numerical Analysis (3) <i>PR: MATH 203 and MATH 245 and MATH 323</i>
MATH 451	Linear Programming and Optimization (3) <i>PR: MATH 203 and MATH 221, and CSCI 220 or MATH 245, or instructor permission</i>

**Business Coursework**

ACCT 203	Financial Accounting (3) <i>PR: Sophomore standing</i>
ACCT 204	Managerial Accounting (3) <i>PR: ACCT 203; sophomore standing</i>
ECON 200	Principles of Microeconomics (3) <i>PR: None</i>
ECON 201	Principles of Macroeconomics (3) <i>PR: ECON 200</i>
FINC 303	Business Finance (3) <i>PR: ACCT 203, 204, ECON 200, 201, MATH 104/250; junior standing</i>
FINC 385	Individual Risk Management and Insurance (3) <i>PR: Junior standing</i>

**Applied Track (Credit Hours: 46+)**

MATH 245	Numerical Methods and Mathematical Computing (3) <i>PR: MATH 203 or MATH 220 or instructor permission; CO: MATH 246</i>
MATH 246	Mathematical Computing and Programming Lab (1) <i>PR: MATH 220 or instructor permission</i>
MATH 295	Introduction to Abstract Mathematics (3) <i>PR: MATH 203 or MATH 221</i>
MATH 311	Advanced Calculus (3) <i>PR: MATH 221 and MATH 295</i>
MATH 315	Introduction to Complex Variables (3) <i>PR: MATH 221 with a grade of C or better</i>
MATH 323	Differential Equations (3) <i>PR: MATH 221, and MATH 203 or instructor permission</i>
MATH 430	Mathematical Statistics I (3) <i>PR: MATH 221</i>

**Select one of the following courses:**

MATH 303	Abstract Algebra I (3) <i>PR: MATH 203 and MATH 295</i>
MATH 402	Advanced Linear Algebra (3) <i>PR: MATH 203, and MATH 303 and/or MATH 311</i>

**Select two courses from the following:**

MATH 423	Introduction to Partial Differential Equations (3) <i>PR: MATH 221 and MATH 323</i>
MATH 431	Mathematical Statistics II (3) <i>PR: MATH 430</i>
MATH 445	Numerical Analysis (3) <i>PR: MATH 203 and MATH 245 and MATH 323</i>
MATH 451	Linear Programming and Optimization (3) <i>PR: MATH 203 and MATH 221, and CSCI 220 or MATH 245, or instructor permission</i>
MATH 452	Operations Research (3) <i>PR: MATH 203 and MATH 530, and CSCI 220 or MATH 245</i>
MATH 470	Mathematical Modeling (3) <i>PR: MATH 203 and MATH 323, and MATH 246 or CSCI 220, or instructor permission</i>

**Select one additional course at the 400-level or above:**

MATH 401	Introduction to Point Set Topology (3) <i>PR: MATH 311</i>
MATH 402	Advanced Linear Algebra (3) <i>PR: MATH 203 and MATH 303 or MATH 311</i>
MATH 403	Abstract Algebra II (3) <i>PR: MATH 303</i>
MATH 411	Advanced Calculus II (3) <i>PR: MATH 203 and MATH 311</i>
MATH 415	Complex Analysis (3) <i>PR: MATH 311</i>
MATH 417	Reading and Research (1-3) <i>PR: Senior standing; instructor and department chair permission</i>
MATH 418	Reading and Research (1-3) <i>PR: Senior standing; instructor and department chair permission</i>
MATH 421	Vector and Tensor Analysis (3) <i>PR: MATH 311</i>
MATH 423	Introduction to partial Differential Equations (3) <i>PR: MATH 221 and MATH 323</i>
MATH 430	Mathematical Statistics I (3) <i>PR: MATH 221</i>
MATH 431	Mathematical Statistics II (3) <i>PR: MATH 430</i>
MATH 440	Statistical Learning I (3) <i>PR: MATH 203 and MATH 220 and MATH 350</i>
MATH 441	Statistical Learning II (3) <i>PR: MATH 440</i>
MATH 445	Numerical Analysis (3) <i>PR: MATH 203 and MATH 245 and MATH 323</i>
MATH 451	Linear Programming and Optimization (3) <i>PR: MATH 203 and MATH 221 and CSCI 220 or MATH 245 or instructor permission</i>
MATH 452	Operations Research (3) <i>PR: MATH 203 and MATH 430 and CSCI 220 or MATH 245</i>
MATH 455	Bayesian Statistical Methods (3) <i>PR: MATH 430</i>
MATH 470	Mathematical Modeling (3) <i>PR: MATH 203 and MATH 323 and MATH 246 or CSCI 220 or instructor permission</i>
MATH 485	Topics in Pure Mathematics (3) <i>PR: Instructor permission</i>



MATH 480	Topics in Applied Mathematics (3) <i>PR: Instructor permission</i>
MATH 490	Practicum in Mathematics (3) <i>PR: Senior standing; instructor and department chair permission</i>
MATH 499	Bachelor's Essay (6) <i>PR: Instructor and department chair permission</i>

## Pure Track (Credit Hours: 46+)

MATH 295	Introduction to Abstract Mathematics (3) <i>PR: MATH 203 or MATH 221</i>
MATH 303	Abstract Algebra I (3) <i>PR: MATH 203 and MATH 295</i>
MATH 311	Advanced Calculus I (3) <i>PR: MATH 221 and MATH 295</i>
MATH 315	Introduction to Complex Variables (3) <i>PR: MATH 221 with a grade of C or better</i>
MATH 323	Differential Equations (3) <i>PR: MATH 221, and MATH 203 or instructor permission</i>
MATH 340	Axiomatic Geometry (3) <i>PR: MATH 295 or instructor permission</i>

### Select one of the following course/lab pairings:

CSCI 220	Computer Programming I (3) <i>PR: CSCI 120 or CSCI 180 or CSCI 210 or MATH 111 or department permission</i>
CSCI 220L	Computer Programming I Lab (1) <i>PR or CO: CSCI 220</i>

### OR

MATH 245	Numerical Methods and Mathematical Computing (3) <i>PR: MATH 203 or MATH 220 or instructor permission; CO: MATH 246</i>
MATH 246	Mathematical Computing and Programming Lab (1) <i>PR: MATH 220 or instructor permission</i>

### Select one of the following courses:

MATH 403	Abstract Algebra II (3) <i>PR: MATH 303</i>
MATH 411	Advanced Calculus II (3) <i>PR: MATH 203 and MATH 311</i>

### Select 6 credit hours from the following 400-level MATH courses:

MATH 401	Introduction to Point Set Topology (3) <i>PR: MATH 311</i>
MATH 402	Advanced Linear Algebra (3) <i>PR: MATH 203, and MATH 303 and/or MATH 311</i>
MATH 403	Abstract Algebra II (3) <i>PR: MATH 303</i>
MATH 411	Advanced Calculus II (3) <i>PR: MATH 203 and MATH 311</i>
MATH 415	Complex Analysis (3) <i>PR: MATH 311</i>
MATH 417	Reading and Research (1-3) <i>PR: Senior standing; instructor and department chair permission</i>
MATH 418	Reading and Research (1-3) <i>PR: Senior standing; instructor and department chair permission</i>
MATH 421	Vector and Tensor Analysis (3) <i>PR: MATH 311</i>
MATH 423	Introduction to Partial Differential Equations (3) <i>PR: MATH 221 and MATH 323</i>
MATH 430	Mathematical Statistics I (3) <i>PR: MATH 221</i>
MATH 431	Mathematical Statistics II (3) <i>PR: MATH 430</i>
MATH 440	Statistical Learning I (3) <i>PR: MATH 203 and MATH 220 and MATH 350</i>
MATH 441	Statistical Learning II (3) <i>PR: MATH 440</i>
MATH 445	Numerical Analysis (3) <i>PR: MATH 203 and MATH 245 and MATH 323</i>
MATH 451	Linear Programming and Optimization (3) <i>PR: MATH 203 and MATH 221, and CSCI 220 or MATH 245, or instructor permission</i>
MATH 452	Operations Research (3) <i>PR: MATH 203 and MATH 530, and CSCI 220 or MATH 245</i>
MATH 455	Bayesian Statistical Methods (3) <i>PR: MATH 430</i>
MATH 470	Mathematical Modeling (3) <i>PR: MATH 203 and MATH 323, and MATH 246 or CSCI 220, or instructor permission</i>
MATH 480	Topics in Applied Mathematics (3; repeatable) <i>PR: Instructor permission</i>
MATH 485	Topics in Pure Mathematics (3) <i>PR: Instructor permission</i>
MATH 490	Practicum in Mathematics (3) <i>PR: Senior standing; instructor and department chair permission</i>
MATH 499	Bachelor's Essay (3) <i>PR: Instructor and department chair permission</i>

## Statistics Track (Credit Hours: 46+)

MATH 295	Introduction to Abstract Mathematics (3) <i>PR: MATH 203 or MATH 221</i>
MATH 311	Advanced Calculus I (3) <i>PR: MATH 221 and MATH 295</i>
MATH 250	Statistical Methods I (3) <i>PR: MATH 111 or MATH 120 or instructor permission</i>
MATH 350	Statistical Methods II (3) <i>PR: MATH 120 and MATH 250</i>
MATH 430	Mathematical Statistics I (3) <i>PR: MATH 221</i>
MATH 431	Mathematical Statistics II (3) <i>PR: MATH 430</i>

**Select one of the following course/lab pairings:**

CSCI 220 Computer Programming I (3) *PR: CSCI 120 or CSCI 180 or CSCI 210 or MATH 111 or department permission*  
 CSCI 220L Computer Programming I Lab (1) *PR or CO: CSCI 220*

**OR**

MATH 245 Numerical Methods and Mathematical Computing (3) *PR: MATH 203 or MATH 220 or instructor permission; CO: MATH 246*  
 MATH 246 Mathematical Computing and Programming Lab (1) *PR: MATH 220 or instructor permission*

**Select 9 additional credit hours from the following:**

CSCI 334 Data Mining (3) *PR: CSCI 221 and MATH 207 and MATH 250*  
 MATH 440 Statistical Learning I (3) *PR: MATH 203 and MATH 220 and MATH 350*  
 MATH 441 Statistical Learning II (3) *PR: MATH 440*  
 MATH 451 Linear Programming and Optimization (3) *PR: MATH 203 and MATH 221, and CSCI 220 or MATH 245, or instructor permission*  
 MATH 452 Operations Research (3) *PR: MATH 203 and MATH 530, and CSCI 220 or MATH 245*  
 MATH 455 Bayesian Statistical Methods (3) *PR: MATH 430*  
 MATH 475\* Statistical Consulting (3) *PR: MATH 350 and one of MATH 440 or MATH 441 or MATH 451 or MATH 452 or CSCI 334*

**Note:** \*MATH 475 Statistical Consulting is the recommended capstone for this track.

**Teacher Education Track (Grades 9-12)**

Students interested in teacher certification in math must complete the math with teacher education track major and the Secondary Education Cognate major requirements. See the School of Education, Health and Human Performance section of this catalog for a listing of the required secondary education cognate major courses. Students should apply for acceptance to this program no later than the second semester of their sophomore year. Requirements for this program include admission to and successful completion of the approved teacher education program. Students must successfully complete all requirements for certification in secondary education.

MATH 246 Mathematical Computing and Programming Lab (1) *PR: MATH 220 or instructor permission*  
 MATH 250 Statistical Methods I (3) *PR: MATH 111 or MATH 120 or instructor permission*  
 MATH 295 Introduction to Abstract Mathematics (3) *PR: MATH 203 or MATH 221*  
 MATH 303 Abstract Algebra I (3) *PR: MATH 203 and MATH 295*  
 MATH 311 Advanced Calculus (3) *PR: MATH 221 and MATH 295*

**OR**

MATH 315 Introduction to Complex Variables (3) *PR: MATH 221 with a grade of C or better*  
 MATH 323 Differential Equations (3) *PR: MATH 221, and MATH 203 or instructor permission*  
 MATH 340 Axiomatic Geometry (3) *PR: MATH 295 or instructor permission*  
 MATH 417 Reading and Research (1-3) *PR: Senior standing; instructor and department chair permission*  
 MATH 430 Mathematical Statistics I (3) *PR: MATH 221*  
 MATH 470 Mathematical Modeling (3) *PR: MATH 203, MATH 323 and MATH 246 or CSCI 220 or instructor permission*

**Notes:** When declaring teacher certification in math through the Program of Study Management System (POSM), students must first select "Declare or Add a Major" and then "Secondary Education Cognate" from the major list. Once this selection is made, a second menu box will appear with a list of the associated majors. Select the math major and follow the on-screen instructions.

## Middle Grades Education Major Requirements

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Degree: Bachelor of Science

Credit Hours: 99+

"PR" indicates a pre-requisite. "CO" indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult <http://registrar.cofc.edu/general-edu> for more information.

**Required Courses:**

COMM 104 Public Speaking (3) *PR: None*

**OR**

COMM 211 Oral Interpretation (3) *PR: None*  
 ANTH 101 Introduction to Anthropology (3) *PR: None*  
 PSYC 103 Introduction to Psychological Science (3) *PR: None*

**OR**

SOCY 101 Introduction to Sociology (3) *PR: None*

**Select two courses from the following:**

ARTH 101 History of Art: Prehistoric Through Medieval (3) *PR: None*

**OR**

ARTH 102 History of Art: Renaissance Through Modern (3) *PR: None*

MUSC 131 Music Appreciation (3) *PR: None*

THTR 176 Introduction to Theatre (3) *PR: None*

**Select one course from the following:**

ENGL 216 Introduction to African American Literature (3) *PR: ENGL 110 or equivalent*

ENGL 313 African American Literature (3) *PR: ENGL 110 or equivalent*

HIST 201 United States to 1865 (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*

HIST 202 United States Since 1865 (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*

HIST 210 Special Topics in U.S. History (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*

HIST 211 American Urban History (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*

HIST 212 American Labor History (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*

HIST 213 American Jewish History: Colonial Times to the Present (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*

HIST 214 American Ethnic History: 1607 to the Present (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*

HIST 215 Native American History (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*

HIST 216 Africa American History to 1865 (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*

HIST 217 African American History Since 1865 (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*

HIST 218 The American West (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*

HIST 219 Native Americans in Film (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*

HIST 221 Women in the United States (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*

HIST 222 History of South Carolina (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*

HIST 224 History of the South to 1865 (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*

HIST 225 History of the South Since 1865 (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*

HIST 301	Colonial America, 1585-1763 (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 302	Era of the American Revolution, 1763-1800 (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 304	History of the United States: The Civil War & Reconstruction, 1845-1877 (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 307	History of the United States: Cold War America, 1945-Present (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 310	Special Topics in U.S. History (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 312	Diplomatic History of the United States Since 1898 (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 320	Special Topics in Low Country History (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 323	Society and Culture of Early Charleston (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>

**Select two MATH courses at the 103-level or above totaling at least 6 credit hours:**

MATH 103	Contemporary Math with Applications (3) <i>PR: MATH 101 or placement</i>
MATH 104	Elementary Statistics (3) <i>PR: MATH 101 or placement</i>
MATH 105	Calculus for Business and the Social Sciences (3) <i>PR: MATH 101 or placement</i>
MATH 111	Pre-Calculus Mathematics (4) <i>PR: C- or better in MATH 101 or placement</i>
MATH 120	Introductory Calculus (4) <i>PR: C- or better in MATH 111 or placement</i>
MATH 207	Discrete Structures I (3) <i>PR: MATH 105, 111 or 120</i>
MATH 220	Calculus II (4) <i>PR: MATH 120 or HONS 115</i>
MATH 250	Statistical Methods I (3) <i>PR: Either MATH 111, 120 or instructor permission</i>

**Note:** For higher level MATH courses that can count for this requirement, please consult with the Teacher Education Department.

**Select 12 credit hours from the following with a sequence of 8 credit hours in one area. At least 4 of the credit hours must be Biological Science (BIOL) and at least 4 of the credit hours must be Physical Science (ASTR, CHEM, GEOL, PHYS). Labs are required for all.**

ASTR 129	Astronomy I (3) <i>PR: None; CO: ASTR 129L</i>
ASTR 129L	Astronomy I Lab (1) <i>CO: ASTR 129</i>
ASTR 130	Astronomy II (3) <i>PR: ASTR 129 and 129 lab; CO: ASTR 130L</i>
ASTR 130L	Astronomy II Lab (1) <i>CO: ASTR 130</i>
BIOL 101	Concepts and Applications in Biology I (4) <i>PR: None; CO: BIOL 101L</i>
BIOL 101L	Concepts and Applications in Biology I Lab (0) <i>CO: BIOL 101</i>
BIOL 102	Concepts and Applications in Biology II (4) <i>PR: BIOL 101 and 101 lab; CO: BIOL 102L</i>
BIOL 102L	Concepts and Applications in Biology II Lab (0) <i>CO: BIOL 102</i>
BIOL 111	Introduction to Cell and Molecular Biology (3) <i>PR: None; CO: BIOL 111L</i>
BIOL 111L	Introduction to Cell and Molecular Biology Lab (1) <i>CO: BIOL 111</i>
BIOL 112	Evolution, Form, and Function of Organisms (3) <i>PR: BIOL 111 and 111L; CO: BIOL 112L</i>
BIOL 112L	Evolution, Form, and Function of Organisms Lab (1) <i>CO: BIOL 112</i>
CHEM 101	General Chemistry (3) <i>PR: None; CO: CHEM 101L</i>
CHEM 101L	General Chemistry Lab (1) <i>CO: CHEM 101</i>
CHEM 102	Organic and Biological Chemistry (3) <i>PR: CHEM 101 and 101L; CO: CHEM 102L</i>
CHEM 102L	Organic and Biological Chemistry Lab (1) <i>CO: CHEM 102</i>
CHEM 111	Principles of Chemistry (3) <i>PR or CO: Unless students exempt MATH 111 (via diagnostic testing) or have completed this course as a pre-requisite, they are required to take MATH 111 as a co-requisite. CO: CHEM 111L</i>
CHEM 111L	Principles of Chemistry Lab (1) <i>CO: CHEM 111</i>

CHEM 112	Principles of Chemistry (3) <i>PR: CHEM 111 and 111L; CO: CHEM 112L</i>
CHEM 112L	Principles of Chemistry Lab (1) <i>CO: CHEM 112</i>
GEOL 101	Dynamic Earth (3) <i>PR: None; CO: GEOL 101L</i>
GEOL 101L	Dynamic Earth Lab (1) <i>CO: GEOL 101</i>
GEOL 103	Environmental Geology (3) <i>PR: None; CO: GEOL 103L</i>
GEOL 103L	Environmental Geology Lab (1) <i>CO: GEOL 103</i>
GEOL 105	Earth History (3) <i>PR: GEOL 101 and 101L or GEOL 103 and 103L; CO: GEOL 105L</i>
GEOL 105L	Earth History Lab (1) <i>CO: GEOL 105</i>
PHYS 101	Introductory Physics I (3) <i>PR: None; CO: PHYS 101L</i>
PHYS 101L	Introductory Physics Lab (1) <i>CO: PHYS 101</i>
PHYS 102	Introductory Physics II (3) <i>PR: PHYS 101 or PHYS 111 or HONS 157; CO: PHYS 102L</i>
PHYS 102L	Introductory Physics Lab (1) <i>CO: PHYS 102</i>
PHYS 111	General Physics I (3) <i>PR or CO: MATH 120 or equivalent or instructor permission; CO: PHYS 111L</i>
PHYS 111L	General Physics I Lab (1) <i>CO: PHYS 111 or instructor permission</i>
PHYS 112	General Physics II (3) <i>PR: PHYS 111 and 111L; CO: PHYS 112L; PR or CO: MATH 220 or equivalent or instructor permission</i>
PHYS 112L	General Physics II Lab (1) <i>CO: PHYS 112L or instructor permission</i>

### Core Certification Course

EDFS 201\* Foundations of Education (3) *PR: Sophomore standing.*

**Note:** \*EDFS 201 is prerequisite to all other education courses with a grade of C or better.

### Professional Program Semester 1

EDFS 303*	Human Growth and Educational Process (3) <i>PR: None</i>
EDEE 323	The Development of Mathematical Thinking (3) <i>PR: None</i>
EDEE 325	Language and Literacy Development (3) <i>PR: None</i>
EDFS 326	Integrating Technology Into Teaching (3) <i>PR: None</i>
EDEE 327	Learner Development and the Context of Learning (field experience) (3) <i>PR: None</i>

### Professional Program Semester 2 (select two areas of concentration in a content area in consultation with your faculty advisor)\*

EDEE 366	Teaching Mathematics 2-8* (3) <i>PR: None</i>
EDEE 368	Teaching Science 2-8* (3) <i>PR: None</i>
EDEE 373	Teaching Social Studies 2-8* (3) <i>PR: None</i>
EDEE 377	Reading/Learning Strategies 2-8* (3) <i>PR: None</i>
EDEE 384	Application of Curriculum & Instruction 5-8 (field experience) (3) <i>PR: None</i>
EDEE 515	Middle School Organization and Curriculum (3) <i>PR: EDEE 327</i>

**Note:** \*Students must consult with their faculty advisor regarding the planning and selection of their two areas of concentration in a content area (science, English Language Arts, math or social sciences)

### Professional Program Semester 3

EDEE 409	Meeting Needs of Diverse Learners (3) <i>PR: None</i>
EDEE 407	Creating Learning Environments (3) <i>PR: None</i>
EDEE 417	Curriculum, Instruction & Assessment 5-8 (field experience) (3) <i>PR: None</i>

### Professional Program Semester 4

EDEE 459*	Middle Grades Clinical Practice (12) <i>PR: EDEE 417</i>
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**Note:** \*Students seeking recommendation for South Carolina certification in Middle Grades Education must complete the program of study above and meet the admission, retention, and exit requirements of the program and the School of Education, Health, and Human Performance. Recommendation to the South Carolina Department of Education for certification in South Carolina is contingent upon successful completion of Clinical Practice and achievement of passing scores on the necessary Praxis II test(s). Students who do not take Clinical Practice may not a degree in Middle Grades Education but will not be recommended for certification. See your faculty advisor for additional information.

### Notes:

- Declare a major in education in using Program of Study Management (POSM) in MyCharleston as soon as possible. You will be assigned a faculty advisor to work with you in planning your program.

- You should apply for admission (this is NOT declaring your major) to the Teacher Education Program the semester you are enrolled in EDFS 201 Foundations of Education. Requirements for admission:  
Minimum overall GPA of 2.5 and 60 earned credit hours.
  - Passing score on the 3 components of the PRAXIS 1: Pre-Professional Skills Test (Reading, Writing, and Mathematics) as designated by the South Carolina Department of Education OR qualifying SAT or ACT scores.
  - Disposition forms from (a) a general education faculty member, (b) your EDFS 201 professor, and (c) someone who has observed you working with children.
  - If a student has transfer credit for a course that is equivalent to EDFS 201, they must meet with the Teacher Education department chair and complete 1 hour of work.
  - A grade of C or better in EDFS 201 Introduction to Education.
- Your admission process must be completed before beginning the professional program.
- Candidates interested in dual certification (e.g., elementary and early childhood, elementary and middle) must major in one area and take all of the Credit II courses in the additional certification area.

## Music Major Requirements

Degree: Bachelor of Arts

Credit Hours: 42+

"PR" indicates a pre-requisite. "CO" indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult <http://registrar.cofc.edu/general-edu> for more information.

### Required Courses

MUSC 246	Music Theory I (3) PR: Instructor/Faculty permission
MUSC 247	Music Theory II (3) PR: MUSC 246
MUSC 238	Music Theory Lab I (1) PR: None
MUSC 239	Music Theory Lab II (1) PR: MUSC 238
MUSC 338	Music Theory Lab III (1) PR: MUSC 239
MUSC 339	Music Theory Lab IV (1) PR: MUSC 338
MUSC 381	Music History I (3) PR: MUSC 247
MUSC 382	Music History II (3) PR: MUSC 381
MUSC 481	Music Theory III (3) PR: MUSC 247
MUSC 482	Music Theory IV (3) PR: MUSC 481

### Applied Music Requirement: Select 8 credit hours from the following of which 4 must be in one area of applied music (MUSP course at the 200 and/or 400-level):

MUSP 201	Applied Music: Flute (1 or 2; repeatable up to 8 credit hours in any one area) PR: An audition is held at the beginning of each term.
MUSP 202	Applied Music: Oboe (1 or 2; repeatable up to 8 credit hours in any one area) PR: An audition is held at the beginning of each term.
MUSP 203	Applied Music: Clarinet (1 or 2; repeatable up to 8 credit hours in any one area) PR: An audition is held at the beginning of each term.
MUSP 204	Applied Music: Bassoon (1 or 2; repeatable up to 8 credit hours in any one area) PR: An audition is held at the beginning of each term.
MUSP 205	Applied Music: Saxophone (1 or 2; repeatable up to 8 credit hours in any one area) PR: An audition is held at the beginning of each term.
MUSP 206	Applied Music: French Horn (1 or 2; repeatable up to 8 credit hours in any one area) PR: An audition is held at the beginning of each term.
MUSP 207	Applied Music: Trumpet (1 or 2; repeatable up to 8 credit hours in any one area) PR: An audition is held at the beginning of each term.
MUSP 208	Applied Music: Trombone (1 or 2; repeatable up to 8 credit hours in any one area) PR: An audition is held at the beginning of each term.
MUSP 209	Applied Music: Tuba (1 or 2; repeatable up to 8 credit hours in any one area) PR: An audition is held at the beginning of each term.
MUSP 211	Applied Music: Percussion (1 or 2; repeatable up to 8 credit hours in any one area) PR: An audition is held at the beginning of each term.

MUSP 212	Applied Music: Piano (1 or 2; repeatable up to 8 credit hours in any one area) <i>PR: An audition is held at the beginning of each term.</i>
MUSP 213	Applied Music: Harpsichord (1 or 2; repeatable up to 8 credit hours in any one area) <i>PR: An audition is held at the beginning of each term.</i>
MUSP 214	Applied Music: Pipe Organ (1 or 2; repeatable up to 8 credit hours in any one area) <i>PR: An audition is held at the beginning of each term.</i>
MUSP 215	Applied Music: Voice (1 or 2; repeatable up to 8 credit hours in any one area) <i>PR: An audition is held at the beginning of each term.</i>
MUSP 216	Applied Music: Harp (1 or 2; repeatable up to 8 credit hours in any one area) <i>PR: An audition is held at the beginning of each term.</i>
MUSP 219	Applied Music: Recorder (1 or 2; repeatable up to 8 credit hours in any one area) <i>PR: An audition is held at the beginning of each term.</i>
MUSP 223	Applied Music: Violin (1 or 2; repeatable up to 8 credit hours in any one area) <i>PR: An audition is held at the beginning of each term.</i>
MUSP 224	Applied Music: Viola (1 or 2; repeatable up to 8 credit hours in any one area) <i>PR: An audition is held at the beginning of each term.</i>
MUSP 225	Applied Music: Cello (1 or 2; repeatable up to 8 credit hours in any one area) <i>PR: An audition is held at the beginning of each term.</i>
MUSP 226	Applied Music: Double Bass (1 or 2; repeatable up to 8 credit hours in any one area) <i>PR: An audition is held at the beginning of each term.</i>
MUSP 227	Applied Music: Classical Guitar (1 or 2; repeatable up to 8 credit hours in any one area) <i>PR: An audition is held at the beginning of each term.</i>
MUSP 250	Applied Music: Other Instruments (1 or 2; repeatable up to 8 credit hours in any one area) <i>PR: An audition is held at the beginning of each term.</i>
MUSP 276	Applied Music: Jazz Flute (1 or 2; repeatable up to 8 credit hours in any one area) <i>PR: An audition is held at the beginning of each term.</i>
MUSP 277	Applied Music: Jazz Trumpet (1 or 2; repeatable up to 8 credit hours in any one area) <i>PR: An audition is held at the beginning of each term.</i>
MUSP 278	Applied Music: Jazz Trombone (1 or 2; repeatable up to 8 credit hours in any one area) <i>PR: An audition is held at the beginning of each term.</i>
MUSP 285	Applied Music: Jazz Guitar (1 or 2; repeatable up to 8 credit hours in any one area) <i>PR: An audition is held at the beginning of each term.</i>
MUSP 286	Applied Music: Jazz Piano (1 or 2; repeatable up to 8 credit hours in any one area) <i>PR: An audition is held at the beginning of each term.</i>
MUSP 287	Applied Music: Jazz Bass (1 or 2; repeatable up to 8 credit hours in any one area) <i>PR: An audition is held at the beginning of each term.</i>
MUSP 288	Applied Music: Drumset (1 or 2; repeatable up to 8 credit hours in any one area) <i>PR: An audition is held at the beginning of each term.</i>
MUSP 289	Applied Music: Vibraphone (1 or 2; repeatable up to 8 credit hours in any one area) <i>PR: An audition is held at the beginning of each term.</i>

**Ensemble Requirement: Select 3 credit hours from any of the department ensembles. No more than 8 credit hours from any combination of ensembles or concert choir may be applied toward graduation requirements.**

MUSC 161	Concert Choir (1; repeatable up to 8 credit hours) <i>PR: Instructor permission</i>
MUSC 353	Wind Ensemble (1) <i>PR: Instructor permission</i>
MUSC 354	Orchestra (1) <i>PR: Instructor permission</i>
MUSC 355	Ensemble: Chamber Music (1) <i>PR: Instructor permission</i>
MUSC 356	Ensemble: Early Music (1) <i>PR: Instructor permission</i>
MUSC 357	Ensemble: Guitar (1) <i>PR: Instructor permission</i>
MUSC 358	Pep Band (1) <i>PR: Instructor permission</i>
MUSC 359	Ensemble: Jazz Combo (1) <i>PR: Instructor permission</i>
MUSC 360	Reading Band (1) <i>PR: Instructor permission</i>
MUSC 364	Ensemble: Madrigal Singers (1) <i>PR: Instructor permission</i>
MUSC 365	Ensemble: Gospel Choir (1) <i>PR: Instructor permission</i>
MUSC 366	Musical Theatre Workshop (1) <i>PR: Instructor permission</i>
MUSC 367	Opera/Music Theatre Workshop (1) <i>PR: Instructor permission</i>

**Select 9 credit hours from one of the following areas:****Applied Music: At least six of which must be at the 400 level (any combination of MUSP 4xx and MUSC 475).**

MUSC 475	Independent Study in Music Performance (3 or 6) <i>PR: Instructor permission; must have passed junior standing jury</i>
MUSP 401	Applied Music: Flute (2; repeatable up to 8 credit hours in any one area) <i>PR: A junior standing jury normally taken at the end of the fourth term in MUSP 2XX.</i>
MUSP 402	Applied Music: Oboe (2; repeatable up to 8 credit hours in any one area) <i>PR: A junior standing jury normally taken at the end of the fourth term in MUSP 2XX.</i>
MUSP 403	Applied Music: Clarinet (2; repeatable up to 8 credit hours in any one area) <i>PR: A junior standing jury normally taken at the end of the fourth term in MUSP 2XX.</i>
MUSP 404	Applied Music: Bassoon (2; repeatable up to 8 credit hours in any one area) <i>PR: A junior standing jury normally taken at the end of the fourth term in MUSP 2XX.</i>
MUSP 405	Applied Music: Saxophone (2; repeatable up to 8 credit hours in any one area) <i>PR: A junior standing jury normally taken at the end of the fourth term in MUSP 2XX.</i>
MUSP 406	Applied Music: French Horn (2; repeatable up to 8 credit hours in any one area) <i>PR: A junior standing jury normally taken at the end of the fourth term in MUSP 2XX.</i>
MUSP 407	Applied Music: Trumpet (2; repeatable up to 8 credit hours in any one area) <i>PR: A junior standing jury normally taken at the end of the fourth term in MUSP 2XX.</i>
MUSP 408	Applied Music: Trombone (2; repeatable up to 8 credit hours in any one area) <i>PR: A junior standing jury normally taken at the end of the fourth term in MUSP 2XX.</i>
MUSP 409	Applied Music: Tuba (2; repeatable up to 8 credit hours in any one area) <i>PR: A junior standing jury normally taken at the end of the fourth term in MUSP 2XX.</i>
MUSP 411	Applied Music: Percussion (2; repeatable up to 8 credit hours in any one area) <i>PR: A junior standing jury normally taken at the end of the fourth term in MUSP 2XX.</i>
MUSP 412	Applied Music: Piano (2; repeatable up to 8 credit hours in any one area) <i>PR: A junior standing jury normally taken at the end of the fourth term in MUSP 2XX.</i>
MUSP 413	Applied Music: Harpsichord (2; repeatable up to 8 credit hours in any one area) <i>PR: A junior standing jury normally taken at the end of the fourth term in MUSP 2XX.</i>
MUSP 414	Applied Music: Pipe Organ (2; repeatable up to 8 credit hours in any one area) <i>PR: A junior standing jury normally taken at the end of the fourth term in MUSP 2XX.</i>
MUSP 415	Applied Music: Voice (2; repeatable up to 8 credit hours in any one area) <i>PR: A junior standing jury normally taken at the end of the fourth term in MUSP 2XX.</i>
MUSP 416	Applied Music: Harp (2; repeatable up to 8 credit hours in any one area) <i>PR: A junior standing jury normally taken at the end of the fourth term in MUSP 2XX.</i>
MUSP 419	Applied Music: Recorder (2; repeatable up to 8 credit hours in any one area) <i>PR: A junior standing jury normally taken at the end of the fourth term in MUSP 2XX.</i>
MUSP 423	Applied Music: Violin (2; repeatable up to 8 credit hours in any one area) <i>PR: A junior standing jury normally taken at the end of the fourth term in MUSP 2XX.</i>
MUSP 424	Applied Music: Viola (2; repeatable up to 8 credit hours in any one area) <i>PR: A junior standing jury normally taken at the end of the fourth term in MUSP 2XX.</i>
MUSP 425	Applied Music: Cello (2; repeatable up to 8 credit hours in any one area) <i>PR: A junior standing jury normally taken at the end of the fourth term in MUSP 2XX.</i>
MUSP 426	Applied Music: Double Bass (2; repeatable up to 8 credit hours in any one area) <i>PR: A junior standing jury normally taken at the end of the fourth term in MUSP 2XX.</i>
MUSP 427	Applied Music: Classical Guitar (2; repeatable up to 8 credit hours in any one area) <i>PR: A junior standing jury normally taken at the end of the fourth term in MUSP 2XX.</i>
MUSP 450	Applied Music: Other Instruments (2; repeatable up to 8 credit hours in any one area) <i>PR: A junior standing jury normally taken at the end of the fourth term in MUSP 2XX.</i>
MUSP 476	Applied Music: Jazz Flute (2; repeatable up to 8 credit hours in any one area) <i>PR: A junior standing jury normally taken at the end of the fourth term in MUSP 2XX.</i>
MUSP 477	Applied Music: Jazz Trumpet (2; repeatable up to 8 credit hours in any one area) <i>PR: A junior standing jury normally taken at the end of the fourth term in MUSP 2XX.</i>
MUSP 478	Applied Music: Jazz Trombone (2; repeatable up to 8 credit hours in any one area) <i>PR: A junior standing jury normally taken at the end of the fourth term in MUSP 2XX.</i>
MUSP 485	Applied Music: Jazz Guitar (2; repeatable up to 8 credit hours in any one area) <i>PR: A junior standing jury normally taken at the end of the fourth term in MUSP 2XX.</i>
MUSP 486	Applied Music: Jazz Piano (2; repeatable up to 8 credit hours in any one area) <i>PR: A junior standing jury normally taken at the end of the fourth term in MUSP 2XX.</i>
MUSP 487	Applied Music: Jazz Bass (2; repeatable up to 8 credit hours in any one area) <i>PR: A junior standing jury normally taken at the end of the fourth term in MUSP 2XX.</i>



- MUSP 488 Applied Music: Drumset (2; repeatable up to 8 credit hours in any one area) *PR: A junior standing jury normally taken at the end of the fourth term in MUSP 2XX.*
- MUSP 489 Applied Music: Vibraphone (2; repeatable up to 8 credit hours in any one area) *PR: A junior standing jury normally taken at the end of the fourth term in MUSP 2XX.*

**OR****Theory/Composition:**

- MUSC 351 Seminar in Music Composition I (3) *PR: MUSC 247*
- MUSC 352 Seminar in Music Composition II (3) *PR: MUSC 351*
- MUSC 460 Senior Independent Study in Music Theory/Composition (3) *PR: MUSC 352*

**OR****History/Literature:**

- ARTH 102 History of Art: Renaissance through Modern (3) *PR: None*
- MUSC 444 Seminar: Selected Topics in Music History (3) *PR: Instructor permission*
- MUSC 445 Senior Independent Study in Music History (3) *PR: Instructor permission*

**Notes:**

- All music majors must pass a piano proficiency exam or take at least 2 credit hours of piano or class piano

## Philosophy Major Requirements

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Degree: Bachelor of Arts

Credit Hours: 33+

"PR" indicates a pre-requisite. "CO" indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult <http://registrar.cofc.edu/general-edu> for more information.

**Required Courses**

- PHIL 120 Symbolic Logic (3) *PR: None*
- PHIL 201 History of Ancient Philosophy (3) *PR: 3 credit hours of PHIL*
- PHIL 202 History of Modern Philosophy (3) *PR: 3 credit hours of PHIL*
- PHIL 450 Seminar in Philosophy (3) *PR: Declared junior or senior philosophy major; 9 credit hours of PHIL which must include at least 3 credit hours at the 300-level.*

**Select an additional 21 credit hours in philosophy, 12 of which must be taken in courses at or above the 200-level, and at least 9 of these hours must be at or above the 300-level.\*\*\***

- PHIL 101 Introduction to Philosophy (3) *PR: None*
- PHIL 115 Critical Thinking (3) *PR: None*
- PHIL 150 Nature, Technology and Society (3) *PR: None*
- PHIL 155 Environmental Ethics (3) *PR: None*
- PHIL 160 Ethics and Sports (3) *PR: None*
- PHIL 165 Philosophy and Feminism (3) *PR: None*
- PHIL 170 Biomedical Ethics (3) *PR: None*
- PHIL 175 Business and Consumer Ethics (3) *PR: None*
- PHIL 185 Philosophy and Film (3) *PR: None*
- PHIL 198 Topics in Philosophy (3) *PR: None*
- PHIL 203 Philosophy of Human Nature (3) *PR: None*
- PHIL 205 Existentialism (3) *PR: None*
- PHIL 206 Topics in Law and Morality (3) *PR: None*
- PHIL 207 Ethics (3) *PR: None*
- PHIL 208 Knowledge and Reality (3) *PR: None*
- PHIL 209 Political Philosophy (3) *PR: None*
- PHIL 210 Philosophy, Law, and the Arts (3) *PR: None*
- PHIL 234 Eastern Philosophy (3) *PR: None*
- PHIL 240\* Jewish Philosophy (3) *PR: None*
- PHIL 245 Environmental Philosophy (3) *PR: None*

PHIL 250	Marxism (3) <i>PR: None</i>
PHIL 255**	Philosophy of Religion (3) <i>PR: None</i>
PHIL 260	Philosophy of Biology (3) <i>PR: None</i>
PHIL 265	Philosophy of Science (3) <i>PR: None</i>
PHIL 270	Philosophy of Law (3) <i>PR: None</i>
PHIL 275	Feminist Theory (3) <i>PR: None</i>
PHIL 280	Aesthetics (3) <i>PR: None</i>
PHIL 285	Philosophical Issues in Literature (3) <i>PR: None</i>
PHIL 290	Philosophy and the Cognitive Sciences (3) <i>PR: None</i>
PHIL 298	Special Topics in Philosophy (3) <i>PR: None</i>
PHIL 301	Ethical Theory (3) <i>PR: 6 credit hours of PHIL excluding PHIL 120</i>
PHIL 304	Nineteenth Century Philosophy (3) <i>PR: 6 credit hours of PHIL excluding PHIL 120</i>
PHIL 305	Topics in the History of Philosophy (3) <i>PR: 6 credit hours of PHIL excluding PHIL 120</i>
PHIL 306	20th Century Analytic Philosophy (3) <i>PR: 6 credit hours of PHIL excluding PHIL 120</i>
PHIL 307	20th Century Continental Philosophy (3) <i>PR: 6 credit hours of PHIL excluding PHIL 120</i>
PHIL 310	American Philosophy (3) <i>PR: 6 credit hours of PHIL excluding PHIL 120</i>
PHIL 315	Topics in Political and Social Philosophy (3) <i>PR: 6 credit hours of PHIL excluding PHIL 120</i>
PHIL 320	Metaphysics (3) <i>PR: 6 credit hours of PHIL excluding PHIL 120</i>
PHIL 325	Theory of Knowledge (3) <i>PR: 6 credit hours of PHIL excluding PHIL 120</i>
PHIL 330	Philosophy of Mind (3) <i>PR: 6 credit hours of PHIL excluding PHIL 120</i>
PHIL 335	Philosophy of Language (3) <i>PR: 6 credit hours of PHIL excluding PHIL 120</i>
PHIL 398***	Student Research Associate (1-3; repeatable up to 6 credit hours) <i>PR: Overall GPA of at least 3.25; junior standing; supervisor and department approval</i>
PHIL 399***	Tutorial (3) <i>PR: Junior standing; tutor and department approval</i>
PHIL 499***	Bachelor's Essay (6) <i>PR: A project proposal must be submitted in writing and approved by the department prior to registration for the course.</i>

**Note:** \*PHIL 240 Jewish Philosophy may not be taken for credit if credit has been received for JWST 240. \*\*PHIL 255 Philosophy of Religion may not be taken for credit if credit has been received for RELS 255. \*\*\*No more than six hours of PHIL 398, 399, or 499 may be taken to satisfy the minimum requirement of nine elective philosophy hours at or above the 300-level.

**Optional:** Students may add a concentration in Politics, Philosophy and Law

## Politics, Philosophy and Law (18 credit hours)

A concentration in Politics, Philosophy, and Law allows focused attention on theoretical issues related to the law. The concentration is jointly administered by the departments of philosophy and political science.

### Required Courses

PHIL 209	Political Philosophy (3) <i>PR: None</i>
<b>OR</b>	
POLI 150	Introduction to Political Thought (formerly POLS 250) (3) <i>PR: None</i>
POLI 320	Constitutional Law (formerly POLS 341) (3) <i>PR: POLI 101 or instructor permission</i>
PHIL 270	Philosophy of Law (3) <i>PR: None</i>
<b>OR</b>	
POLI 380	Jurisprudence (formerly POLS 344) (3) <i>PR: None</i>
PPLW 400*	Seminar in Politics, Philosophy and Law (3) <i>PR: Senior standing</i>

**Note:** \*This course will substitute for PHIL 450 or POLI 405 as major requirement.

### Select an additional two courses from the following:

PHIL 206	Topics in Law and Morality (3) <i>PR: None</i>
PHIL 210	Philosophy, Law, and the Arts (3) <i>PR: None</i>
PHIL 315	Topics in Political and Social Philosophy (3) <i>PR: 6 credit hours in PHIL</i>
POLI 292	Topics in Gender, Theory, and Law (3) <i>PR: None</i>
POLI 295	Law and Society (3) <i>PR: None</i>

POLI 321	Civil Liberties (3) <i>PR: None</i>
POLI 324	The Judiciary (3) <i>PR: POLI 101 or instructor permission</i>
POLI 331	Geography of Native Lands/Indian Law (3) <i>PR: None</i>
POLI 360	International Human Rights Law (3) <i>PR: None</i>
POLI 363	International Law and Organization (3) <i>PR: None</i>
POLI 390	Contemporary Liberalism (3) <i>PR: None</i>

**Note:** Additional courses on suitable topics may be approved for credit by the director. Since POLI 320 is required, PHIL majors will take at least one course in POLI. POLI majors must also take at least one course in PHIL.

## Physical Education Teacher Education Major Requirements

Degree: Bachelor of Science

Credit Hours: 81+

"PR" indicates a pre-requisite. "CO" indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult <http://registrar.cofc.edu/general-edu> for more information.

### Required Courses

BIOL 201	Human Physiology (4) <i>PR: BIOL 111/111L, BIOL 112/112L</i>
BIOL 202	Human Anatomy (4) <i>PR: BIOL 111/111L, BIOL 112/112L</i>
MATH 104	Elementary Statistics (3) <i>PR: MATH 101 or placement</i>
<b>OR</b>	
MATH 250	Statistical Methods I (3) <i>PR: Either MATH 111, 120 or instructor permission</i>

### Physical Education Requirements

PEHD 201	Introduction to Physical Education (cross-listed with EXSC 201) (3) <i>PR: None</i>
HEAL 216	Personal & Community Health (3) <i>PR: None</i>
EXSC 330	Kinesiology (3) <i>PR: BIOL 202; EXSC 201 or PEHD 201</i>
EXSC 340	Exercise Physiology (4) <i>PR: BIOL 201; EXSC 201 or PEHD 201</i>
PEHD 431	Tests and Measurements (3) <i>PR: PEHD 201, MATH 104 or 250</i>
PEHD 458	Organizational & Administration of Physical Education (3) <i>PR: EXSC 201 or PEHD 201; PEHD 352 or 452; senior standing</i>
PEAC 105	Basketball and Volleyball (2) <i>PR: None</i>
PEAC 117	Badminton and Racquetball (2) <i>PR: None</i>
PEHD 202	Lab Activities in Physical Education (2) <i>PR: None</i>
PEHD 222	Analysis & Conduct of Lifetime Activities (3) <i>PR: None</i>
PEHD 223	Analysis & Conduct of Team Sports (3) <i>PR: None</i>
PEHD 235	Motor Learning and Development (3) <i>PR: None</i>
PEHD 250	Dance and Rhythms (3) <i>PR: None</i>
PEHD 352	Physical Education in Elementary Schools (3) <i>PR: PEHD 201, PEHD 222 or PEHD 223, CO: PEHD 352L</i>
PEHD 352L	Field Experience in Elementary Schools (1) <i>CO: PEHD 352</i>
PEHD 452	Physical Education for Middle/Secondary Schools (3) <i>PR: PEHD 201, PEHD 352, CO: 452L</i>
PEHD 452L	Field Experience in Middle/Secondary Schools (1) <i>CO: PEHD 452</i>
PEHD 457	Adapted Physical Education (3) <i>PR: PEHD 352, 452; CO: PEHD 457L</i>
PEHD 457L	Field Experience in Adapted Physical Education (1) <i>CO: PEHD 457</i>

### Education Requirements

EDFS 201*	Foundations of Education (3) <i>PR: Sophomore standing.</i>
EDFS 303**	Human Growth and Educational Process (3) <i>PR: None</i>
EDFS 326	Integrating Technology into Teaching (3) <i>PR: None</i>
EDFS 460	Clinical Practice in Content Area (12) <i>PR: Admission to a teacher education program and completion of all education requirements.</i>

**Note:** \*EDFS 201 is prerequisite to all other education courses with a grade of C or better. \*\*EDFS 303: Candidates who have received credit for PSYC 224 (previously listed as PSYC 311) prior to beginning a teacher education program should not take EDFS 303 (credit will not be awarded).

**Notes:**

- Declare a major in education in using Program of Study Management (POSM) in MyCharleston as soon as possible. You will be assigned a faculty advisor to work with you in planning your program.
- You should apply for admission (this is NOT declaring your major) to the Teacher Education Program the semester you are enrolled in EDFS 201 Foundations of Education. Requirements for admission:
  - Minimum overall GPA of 2.50 and 60 earned credit hours.
  - Passing score on the 3 components of the PRAXIS I: Pre-Professional Skills Test (Reading, Writing, and Mathematics) as designated by the South Carolina Department of Education OR qualifying SAT or ACT scores.
  - Disposition forms from (a) a general education faculty member, (b) your EDFS 201 professor, and (c) someone who has observed you working with children.
  - A grade of C or better in EDFS 201 Foundations of Education.
- Your admission process must be completed before beginning the professional program.
- Candidates interested in dual certification (e.g., elementary and early childhood, elementary and middle) must major in one area and take all of the Credit II courses in the additional certification area.

## Physics (B.A.) Major Requirements

Degree: Bachelor of Arts

Credit Hours: 42+

"PR" indicates a pre-requisite. "CO" indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult <http://registrar.cofc.edu/general-edu> for more information.

**Required Courses:**

PHYS 111	General Physics I (3) PR or CO: MATH 120 or equivalent or instructor permission; PHYS 111L
PHYS 111L	General Physics I Lab (1) CO: PHYS 111 or instructor permission
PHYS 112	General Physics II (3) PR: MATH 120 or equivalent; PHYS 111, PHYS 111L or HONS 157; PR or CO: MATH 220 or equivalent or instructor permission; CO: PHYS 112L
PHYS 112L	General Physics II Lab (1) CO: PHYS 112 or instructor permission
PHYS 230	Introduction to Modern Physics I (3) PR: PHYS 112 or HONS 158; CO or PR: MATH 211 or instructor permission
PHYS 301	Classical Mechanics (3) PR: PHYS 112 or HONS 158, and MATH 323 or instructor permission
PHYS 370	Experimental Physics (4) PR: PHYS 230 or instructor permission
PHYS 419	Research Seminar (1) PR or CO: PHYS 370 or ASTR 377 or instructor and department chair permission
PHYS 420*	Senior Research (3) PR: PHYS 419 and instructor and department chair permission
OR	
PHYS 499*	Bachelor's Essay (6) PR: PHYS 419 or department chair permission; credit will not be awarded for both PHYS 420 and PHYS 499

**Notes:** \*Credit will not be awarded for both PHYS 420 and PHYS 499.

**Select 11 credit hours from the following electives with department approval. Please note a maximum of 3 credit hours from each of the following groups are allowed (PHYS 381, PHYS 390 and PHYS 399) and (PHYS 260, PHYS 260L, PHYS 460L).**

**Physics Electives List**

PHYS 203	Physics and Medicine (3) PR: PHYS 102, PHYS 102L or PHYS 112, PHYS 112L or HONS 158
PHYS 230	Introduction to Modern Physics (3) PR: PHYS 112, PHYS 112L or HONS 158; PR or CO: MATH 221
PHYS 260	NASA Space Mission Design (2) PR: ASTR 130 or ASTR 206 or HONS 160 or GEOL 206 or PHYS 102 or PHYS 112 or HONS 158 or instructor permission; PR or CO: PHYS 260L
PHYS 260L	NASA Space Mission Design Laboratory (1) CO: PHYS 260
PHYS 296	Biophysics Model and Excitable Cells (3) PR: (BIOL 112 or HONS 152 and PHYS 112 or HONS 158) or (BIOL 211 and BIOL 305 and PHYS 102) or instructor permission

PHYS 298	Special Topics (1-3) <i>PR: Instructor permission</i>
PHYS 301	Classical Mechanics (3) <i>PR: PHYS 112, PHYS 112L or HONS 158 and MATH 323</i>
PHYS 302	Classical Mechanics (3) <i>PR: PHYS 301</i>
PHYS 308	Atmospheric Physics (3) <i>PR: PHYS 112, PHYS 112L or HONS 158 or instructor permission</i>
PHYS 320	Intro to Electronics (4) <i>PR: PHYS 102 and MATH 120 or PHYS 112 or PHYS 158 or instructor permission</i>
PHYS 331	Intro to Modern Physics II (3) <i>PR: PHYS 230</i>
PHYS 340	Photonics (4) <i>PR: PHYS 112, PHYS 112L or HONS 158</i>
PHYS 350	Energy Production (4) <i>PR: CHEM 111, CHEM 111L; (PHYS112, 112L or HONS 158) or (PHYS 102, 102L and MATH 120)</i>
PHYS 370	Experimental Physics (4) <i>PR: PHYS 230</i>
PHYS 381	Internship (1-4) <i>PR: Coordinator and department chair permission</i>
PHYS 390	Research (1-3; repeatable up to 6) <i>PR: Department chair and instructor permission</i>
PHYS 394	Digital Signal and Image Processing with Biomedical Applications (3) <i>PR: PHYS 112 and 112L or HONS 158 and 158L; CO: PHYS 394L</i>
PHYS 394L	Digital Signal and Image Processing with Biomedical Applications Laboratory (1) <i>PR: PHYS 112 and 112L or HONS 158 and 158L; CO: PHYS 394</i>
PHYS 397	Research Experience Physics and Astronomy (0) <i>PR: Only declared majors can take a Zero Credit Research course. Instructor and department chair permission required.</i>
PHYS 399	Tutorial (3; repeatable up to 12) <i>PR: Junior standing and department chair and instructor permission</i>
PHYS 403	Introductory Quantum Mechanics (3) <i>PR: PHYS 230, MATH 323 or instructor permission</i>
PHYS 405	Thermal Physics (3) <i>PR: PHYS 230</i>
PHYS 407	Introduction to Nuclear Physics (3) <i>PR: PHYS 230 or instructor permission</i>
PHYS 408	Introduction to Solid State Physics (3) <i>PR: PHYS 230 or instructor permission</i>
PHYS 409	Electricity and Magnetism (3) <i>PR: PHYS 112, PHYS 112L or HONS 158 and MATH 323 or instructor permission</i>
PHYS 410	Electricity and Magnetism (3) <i>PR: PHYS 409</i>
PHYS 412	Special Topics (1-3) <i>PR: Instructor permission</i>
PHYS 415	Fluid Mechanics (3) <i>PR: MATH 323 and PHYS 301 or instructor permission</i>
PHYS 456	Air Pollution Meteorology (4) <i>PR: PHYS 112, PHYS 112L or (PHYS 102, PHYS 102L and MATH 120) or HONS 158; CHEM 112, CHEM 112L or instructor permission</i>
PHYS 457	Satellite Meteorology (3) <i>PR: PHYS 308 or PHYS 456 or (PHYS 105 and PHYS 112, PHYS 112L) or (PHYS 105 and PHYS 102, PHYS 102L and MATH 120) or (PHYS 105 and HONS 158)</i>
PHYS 458	Climate Change (4) <i>PR: PHYS 112, PHYS 112L or HONS 158</i>
PHYS 460L	NASA Space Mission Design Leadership Lab (1) <i>PR: Instructor permission; CO: PHYS 260</i>

### Mathematics Requirement

MATH 120	Introductory Calculus (4) <i>PR: C- or better in MATH 111 or placement</i>
MATH 220	Calculus II (4) <i>PR: MATH 120 or HONS 115</i>
MATH 221	Calculus III (4) <i>PR: MATH 220 or equivalent</i>

**Optional:** *Students may also select a concentration in Computational Neuroscience, Energy Production, or Meteorology.*

## Computational Neuroscience Concentration (18+ credit hours)

### Required courses:

CSCI 220	Computer Programming I (3) <i>PR: CSCI 120 or CSCI 180 or CSCI 210 or MATH 111 CO: CSCI 220L</i>
CSCI 220L	Computer Programming I Lab (1) <i>CO: CSCI 220</i>
BIOL 396	Biophysical Modeling of Excitable Cells (3) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and PHYS 111 and 111L and PHYS 112 and 112 L or HONS 158 and 158L or BIOL 211 and 211D and BIOL 305 and PHYS 101 and 101L and PHYS 102 and 102L; PR or CO: MATH 250</i>

### OR

PHYS 296	Biophysics Model and Excitable Cells (3) <i>PR: (BIOL 112 or HONS 152 and PHYS 112 or HONS 158) or (BIOL 211 and BIOL 305 and PHYS 102) or instructor permission</i>
PHYS 394	Digital Signal and Image Processing with Biomedical Applications (3) <i>PR: PHYS 112 and 112L or HONS 158 and 158L; CO: PHYS 394L</i>
PHYS 394L	Digital Signal and Image Processing with Biomedical Applications Laboratory (1) <i>PR: PHYS 112 and 112L or HONS 158 and 158L; CO: PHYS 394</i>

**Complete a minimum of 7 credit hours from the following electives (each elective must be from a different group):****Group I**

- BIOL 305 Genetics (3) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L; PR or CO: BIOL 211 and 211D and MATH 250 or instructor permission*
- BIOL 312 Molecular Biology (3) *PR: One year of Chemistry and BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L; BIOL 211 and 211D and BIOL 305 or CHEM 232 and 232L; PR or CO: MATH 250*
- BIOL 313 Cell Biology (3) *PR: One year of Chemistry and BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L; and BIOL 211 and 211D or CHEM 232 and 232L; PR or CO: MATH 250; BIOL 305 or CHEM 232 and 232L*
- BIOL 321 General and Comparative Physiology (4) *PR: One year of Chemistry and BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L; BIOL 211 and 211D and BIOL 305 or CHEM 232 and 232L; PR or CO: MATH 250 or equivalent course in statistics or instructor permission*
- BIOL 343 Animal Behavior (4) *PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305; PR or CO: MATH 250*
- BIOL 351 Principles of Neurobiology (3) *PR: PSYC 103 and BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L; BIOL 211 and 211D or PSYC 214; PR or CO: MATH 250*

**OR**

- PSYC 351 Principles of Neurobiology (3) *PR: PSYC 103, BIOL 111, 112, and BIOL 211 or PSYC 214, or instructor permission. Note: This course is cross-listed with BIOL 351. If a student has received credit for BIOL 351, the student may not receive credit for PSYC 351.*

- BIOL 352 Neurobiology and Behavior (3) *PR: BIOL 351 or PSYC 351 or PSYC 214; PR or CO: MATH 250*

**OR**

- PSYC 352 Neurobiology and Behavior (3) *PR: BIOL/PSYC 351 or PSYC 214, or instructor permission. Note: This course is cross-listed with BIOL 352. If a student has received credit for BIOL 352, the student may not receive credit for PSYC 352.*

- BIOL 446 Special Topics in Neuroscience (3) *PR: Junior or senior standing and instructor permission; PR or CO: MATH 250*

**OR**

- PSYC 446 Special Topics in Neuroscience (3) *PR: Junior or senior standing and instructor permission*

- BIOL 447 Seminar in Neuroscience (3) *PR: BIOL 351 or PSYC 351 and BIOL 352 or PSYC 352; CO: BIOL 448 or PSYC 448; PR or CO: MATH 250*

**OR**

- PSYC 447 Seminar in Neuroscience (3) *PR: BIOL/PSYC 351/352; CO: BIOL/PSYC 448 or instructor permission. Students engaged in independent research or a bachelor's essay will be given priority for enrollment.*

- PSYC 213 Conditioning and Learning (3) *PR: PSYC 103*

- PSYC 214 Behavioral Neuroscience (3) *PR: PSYC 103*

- PSYC 215 Cognitive Psychology (3) *PR: PSYC 103*

- PSYC 216 Sensation and Perception (formerly PSYC 313) (3) *PR: PSYC 103*

- PSYC 221 Abnormal Psychology (formerly PSYC 307) (3) *PR: PSYC 103*

- PSYC 318 Comparative Psychology (3) *PR: PSYC 103*

- PSYC 353 Hormones and Behavior (Cross-listed with BIOL 353) (3) *PR: PSYC 103 and 214 or 216, or instructor permission. Note: This course is cross-listed with BIOL 353. If a student has received credit for BIOL 353, the student may not receive credit for PSYC 353.*

- PSYC 386 Behavioral Pharmacology (3) *PR: PSYC 103; PSYC 214 or BIOL/PSYC 351; PSYC 211 and 220 (or 250 in lieu of 211 and 220) or BIOL 211 and MATH 250; or instructor permission*

- PSYC 387 Neuropsychology (3) *PR: PSYC 103; PSYC 214 or BIOL/PSYC 351; PSYC 211 and 220 (or 250 in lieu of 211 and 220) or BIOL 211 and MATH 250; or instructor permission*

- PSYC 464 Advanced Behavioral Neuroscience with Lab (3) *PR: PSYC 103, 214, 211, 220 (or 250 in lieu of 211 and 220) and junior or senior status*

- PSYC 466 Advanced Sensation and Perception with Lab (3) *PR: PSYC 103, 216, 211, 220 (or 250 in lieu of 211 and 220) and junior or senior status*

- PSYC 468 Advanced Cognitive Psychology with Lab (3) *PR: PSYC 103, 215, 211, 220 (or 250 in lieu of 211 and 220) and junior or senior status*

**Group II**

- MATH 207 Discrete Structures I (3) *PR: MATH 105, MATH 111, or MATH 120*

- MATH 245 Numerical Methods and Mathematical Computing (3) *PR: MATH 203 or MATH 220 or instructor permission; CO: MATH 246*

- MATH 246 Mathematical Computing and Programming Lab (1) *PR: MATH 220 or instructor permission*

MATH 307	Discrete Structures II (3) <i>PR: MATH 207 or MATH 295 or instructor permission</i>
MATH 440	Statistical Learning I (3) <i>PR: MATH 203 and MATH 220 and MATH 350</i>
MATH 441	Statistical Learning II (3) <i>PR: MATH 440</i>
MATH 445	Numerical Analysis (3) <i>PR: MATH 203 and MATH 245 and MATH 323</i>
MATH 451	Linear Programming and Optimization (3) <i>PR: MATH 203 and MATH 221 and CSCI 220 or MATH 245 or instructor permission</i>
MATH 452	Operations Research (3) <i>PR: MATH 203 and MATH 430 and CSCI 220 or MATH 245</i>
MATH 470	Mathematical Modeling (3) <i>PR: MATH 203 and MATH 323 and MATH 246 or CSCI 220 or instructor permission</i>
CSCI 221	Computer Programming II (3) <i>PR: CSCI 220, CSCI 220L; CO or PR: MATH 207</i>
CSCI 230	Data Structure and Algorithms (3) <i>PR: CSCI 221, MATH 207</i>
CSCI 334	Data Mining (3) <i>PR: CSCI 221, MATH 207, MATH 250</i>
CSCI 360	Software Architecture and Design (3) <i>PR: CSCI 230, MATH 207; CO: COMM 104</i>
CSCI 362	Software Engineering (3) <i>PR: CSCI 221, MATH 207; CO: COMM 104</i>
CSCI 380	User Interface Development (3) <i>PR: CSCI 221, MATH 207, or instructor permission</i>
CSCI 470	Principles of Artificial Intelligence (3) <i>PR: CSCI 230, MATH 307</i>
CSCI 480	Principles of Computer Graphics (3) <i>PR: CSCI 230, MATH 220, MATH 307</i>

**Group III**

PHYS 203	Physics and Medicine (3) <i>PR: PHYS 102, PHYS 102L or PHYS 112, PHYS 112L or HONS 158</i>
PHYS 270	Nanotechnology and Medicine (3) <i>CO or PR: PHYS 102 or PHYS 112 or HONS 158 or instructor permission</i>
PHYS 298	Special Topics (1-3) <i>PR: Instructor permission</i>
PHYS 320	Intro to Electronics (4) <i>PR: PHYS 102 and MATH 120 or PHYS 112 or PHYS 158 or instructor permission</i>
PHYS 340	Photonics (4) <i>PR: PHYS 112, PHYS 112L or HONS 158</i>
PHYS 381*	Internship (1-4) <i>PR: Coordinator and department chair permission</i>

**OR**

PHYS 390*	Research (1-3; repeatable up to 6) <i>PR: Department chair and instructor permission</i>
HONS 390*	Special Topics (3 - 6) <i>PR: None</i>
PHYS 399	Tutorial (3; repeatable up to 12) <i>PR: Junior standing and department chair and instructor permission</i>
PHYS 405	Thermal Physics (3) <i>PR: PHYS 230</i>
PHYS 407	Introduction to Nuclear Physics (3) <i>PR: PHYS 230 or instructor permission</i>
PHYS 408	Introduction to Solid State Physics (3) <i>PR: PHYS 230 or instructor permission</i>
PHYS 412*	Special Topics (1-3) <i>PR: Instructor permission</i>
PHYS 415	Fluid Mechanics (3) <i>PR: MATH 323 and PHYS 301 or instructor permission</i>
PHYS 420*	Senior Research (3) <i>PR: PHYS 419 and instructor and department chair permission</i>

**OR**

PHYS 499*	Bachelor's Essay (6) <i>PR: PHYS 419 or department chair permission; credit will not be awarded for both PHYS 420 and PHYS 499</i>
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**Note:** \*Must be computational neuroscience related and conducted under the mentorship of a neuroscience faculty member from CofC or co-mentorship with MUSC faculty. Prior written approval must be obtained from the coordinator of the Computational Neuroscience concentration. Credit will not be awarded for both Senior Research (PHYS 420) and Bachelor's Essay (PHYS 499/BIOL 448/PSYC 448)

**Energy Production Concentration (Credit Hours: 18+)****Required Courses**

CHEM 111	Principles of Chemistry (3) <i>PR or CO: MATH 111 or equivalent; CO: CHEM 111L</i>
CHEM 111L	Principles of Chemistry Lab (1) <i>CO: CHEM 111</i>
PHYS 350	Energy Production (4) <i>PR: CHEM 111, CHEM 111L; (PHYS 112, 112L or HONS 158) or (PHYS 102, 102L; MATH 120)</i>
PHYS 350L	Energy Production Lab (0) Energy Production (4) <i>PR: CHEM 111, CHEM 111L; (PHYS 112, 112L or HONS 158) or (PHYS 102, 102L and MATH 120); CO: PHYS 350</i>

**Complete 10 credit hours from the following PHYS electives groups including at least two courses totaling a minimum of 6 credit hours from Group I.**

**Group I**

PHYS 320	Intro to Electronics (4) <i>PR: PHYS 102, PHYS 102L or PHYS 112, PHYS 112L or HONS 158</i>
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PHYS 340	Photonics (4) <i>PR: PHYS 112, PHYS 112L or HONS 158</i>
PHYS 405	Thermal Physics (3) <i>PR: PHYS 230</i>
PHYS 407	Introduction to Nuclear Physics (3) <i>PR: PHYS 230 or instructor permission</i>
PHYS 408	Introduction to Solid State Physics (3) <i>PR: PHYS 230 or instructor permission</i>

**Group II**

CHEM 341	Physical Chemistry I (3) <i>PR: CHEM 221 and MATH 220; CO: CHEM 341L (MATH 221 is strongly recommended.)</i>
CHEM 341L	Physical Chemistry I Laboratory (1) <i>CO: CHEM 341</i>
CHEM 528	Nuclear and Radiochemistry (3) <i>PR: CHEM 221 or CHEM 231</i>
GEOL 320	Earth Resources (3) <i>PR: GEOL 101, GEOL 101L or GEOL 103, GEOL 103L and GEOL 105, GEOL 105L or HONS 155 and 156 or instructor permission</i>
PHYS 308	Atmospheric Physics (3) <i>PR: PHYS 112, PHYS 112L or HONS 158 or instructor permission</i>
PHYS 381	Internship (1-4) <i>PR: Declared PHYS major, PHYS 370, or coordinator permission</i>
PHYS 390	Research (1-3; repeatable up to 6) <i>PR: Department chair and instructor permission</i>
PHYS 409	Electricity and Magnetism (3) <i>PR: PHYS 112, PHYS 112L or HONS 158 and MATH 323 or instructor permission</i>
PHYS 412	Special Topics (Energy Related) (1-3) <i>PR: Instructor permission</i>
PHYS 415	Fluid Mechanics (3) <i>PR: MATH 323 and PHYS 301 or instructor permission</i>
PHYS 456	Air Pollution Meteorology (4) <i>PR: PHYS 112, PHYS 112L or (PHYS 102, PHYS 102L and MATH 120) or HONS 158; CHEM 112, CHEM 112L or instructor permission</i>
PHYS 457	Satellite Meteorology (3) <i>PR: PHYS 308 or PHYS 456 or (PHYS 105 and PHYS 112, PHYS 112L) or (PHYS 105 and PHYS 102, PHYS 102L and MATH 120) or (PHYS 105 and HONS 158)</i>
PHYS 458	Climate Change (4) <i>PR: PHYS 112, PHYS 112L or HONS 158</i>

**Meteorology Concentration (Credit Hours: 18+)****Complete 6 credit hours from the following:**

PHYS 105*	Introduction to Meteorology (3) <i>PR: A working knowledge of high school algebra is assumed.</i>
PHYS 308	Atmospheric Physics (3) <i>PR: PHYS 112, PHYS 112L or HONS 158</i>
PHYS 456*	Air Pollution Meteorology (4) <i>PR: PHYS 102, PHYS 102L and MATH 120 or CHEM 112, CHEM 112L and PHYS 112, PHYS 112L or HONS 158</i>
PHYS 457	Satellite Meteorology (3) <i>PR: PHYS 308 or PHYS 456 or (PHYS 105 and PHYS 112, PHYS 112L) or (PHYS 105 and PHYS 102, PHYS 102L and MATH 120) or (PHYS 105 and HONS 158)</i>
PHYS 458	Climate Change (4) <i>PR: PHYS 112, 112L or HONS 158</i>

**Notes:** \*A student will not receive credit for both PHYS 105 and PHYS 456

**Complete an additional 12 credit hours from the following. Courses do not count if already chosen for major core course requirements.**

ASTR 206	Planetary Astronomy (3) <i>PR: PHYS 111, PHYS 111L or PHYS 101, PHYS 101L or HONS 157 or instructor permission</i>
BIOL 204	Man and the Environment (3) <i>PR: None</i>
BIOL 342	Oceanography (4) <i>PR: BIOL 211, 211D; CO or PR: BIOL 305</i>
CHEM 111	Principles of Chemistry (3) <i>PR: MATH 111 or equivalent; CO: CHEM 111L</i>
CHEM 111L	Principles of Chemistry Lab (1) <i>CO: CHEM 111</i>
ENVT 200	Introduction to Environmental Studies (3) <i>PR: Sophomore standing</i>
GEOL 103	Environmental Geology (3) <i>PR: None; CO: GEOL 103L</i>
GEOL 103L	Environmental Geology Lab (1) <i>CO: GEOL 103</i>
GEOL 240*	Special Topics in Geology (1-4) <i>PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L or instructor permission</i>
GEOL 314	Introduction to Remote Sensing (4) <i>PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L or instructor permission</i>
GEOL 438	Hydrogeology (4) <i>PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L and MATH 111 or 120 or instructor permission</i>
GEOL 442	Geological Application of Remote Sensing (4) <i>PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 156 and 156L and MATH 111 or 120 or instructor permission</i>
HONS 390*	Special Topics (3-6) <i>PR: None</i>
PHYS 298*	Special Topics (1-3) <i>PR: Instructor and department chair permission</i>
PHYS 301	Classical Mechanics (3) <i>PR: PHYS 112, PHYS 112L or HONS 158 and MATH 323</i>



PHYS 308	Atmospheric Physics (3) <i>PR: PHYS 112, PHYS 112L or HONS 158 or instructor permission</i>
PHYS 340	Photonics (4) <i>PR: PHYS 112, PHYS 112L or HONS 158</i>
PHYS 390*	Research (1-3; repeatable up to 6) <i>PR: Department chair and instructor permission</i>
PHYS 399	Tutorial (3; repeatable up to 12) <i>PR: Junior standing and department chair and instructor permission</i>
PHYS 405cz	Thermal Physics (3) <i>PR: PHYS 230</i>
PHYS 407	Introduction to Nuclear Physics (3) <i>PR: PHYS 230 or instructor permission</i>
PHYS 408	Introduction to Solid State Physics (3) <i>PR: PHYS 230 or instructor permission</i>
PHYS 412*	Special Topics (1-3) <i>PR: Instructor permission and topic must be meteorology related</i>
PHYS 415	Fluid Mechanics (3) <i>PR: MATH 323 and PHYS 301 or instructor permission</i>
PHYS 420*	Senior Research (3) <i>PR: PHYS 419 and instructor and department chair permission</i>
PHYS 456	Air Pollution Meteorology (4) <i>PR: PHYS 112, PHYS 112L or (PHYS 102, PHYS 102L and MATH 120) or HONS 158; CHEM 112, CHEM 112L or instructor permission</i>
PHYS 457	Satellite Meteorology (3) <i>PR: PHYS 308 OR PHYS 456 or (PHYS 105 and PHYS 112, PHYS 112L) or (PHYS 105 and PHYS 102, PHYS 102L and MATH 120) or (PHYS 105 and HONS 158)</i>
PHYS 458	Climate Change (4) <i>PR: PHYS 112, PHYS 112L or HONS 158</i>
PHYS 499*	Bachelor's Essay (6) <i>PR: Department approval; credit will not be awarded for both PHYS 420 and PHYS 499</i>

**Note:** \* These courses must involve meteorology and be approved by the Program Director. \*Credit will not be awarded for both PHYS 420 and PHYS 499.

#### Notes:

- With department approval, completion with grades of at least "B" in PHYS 101/101L and PHYS 102/102L, together with MATH 120 and MATH 220 may be substituted for PHYS 111/111L and PHYS 112/112L.
- Suggested programs of study leading to graduate school in physics, astronomy, astrophysics, meteorology and engineering are available from the department.

#### Physics Teacher Education Program (Grades 9-12)

Students interested in teacher certification in physics must complete both the physics major and the Secondary Education Cognate major requirements. See the School of Education, Health and Human Performance section of this catalog for a listing of the required secondary education cognate major courses. Students should apply for acceptance to this program no later than the second semester of their sophomore year. Requirements for this include admission to and successful completion of the approved teacher education program. Students must successfully complete all requirements for certification in secondary education.

When declaring teacher certification in English through the Program of Study Management System (POSM), students must first select "Declare or Add a Major" and then "Secondary Education Cognate" from the major list. Once this selection is made, a second menu box will appear with a list of the associated majors. Select the physics major and follow the on-screen instructions.

## Physics (B.S.) Major Requirements

Degree: Bachelor of Science

Credit Hours: 58+

"PR" indicates a pre-requisite. "CO" indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult <http://registrar.cofc.edu/general-edu> for more information.

#### Required Courses

PHYS 111	General Physics I (3) <i>PR or CO: MATH 120 or equivalent or instructor permission; PHYS 111L</i>
PHYS 111L	General Physics I Lab (1) <i>CO: PHYS 111 or instructor permission</i>
PHYS 112	General Physics II (3) <i>PR: MATH 120 or equivalent; PHYS 111, PHYS 111L or HONS 157; PR or CO: MATH 220 or equivalent or instructor permission; CO: PHYS 112L</i>
PHYS 112L	General Physics II Lab (1) <i>CO: PHYS 112 or instructor permission</i>
PHYS 230	Introduction to Modern Physics I (3) <i>PR: PHYS 112 or HONS 158; CO or PR: MATH 211 or instructor permission</i>
PHYS 301	Classical Mechanics (3) <i>PR: PHYS 112 or HONS 158, and MATH 323 or instructor permission</i>
PHYS 370	Experimental Physics (4) <i>PR: PHYS 230 or instructor permission</i>
PHYS 403	Introductory Quantum Mechanics (3) <i>PR: PHYS 230; CO or PR: MATH 323 or instructor permission</i>
PHYS 409	Electricity and Magnetism (3) <i>PR: PHYS 112 or HONS 158 and MATH 323 or instructor permission</i>

- PHYS 419 Research Seminar (1) *PR or CO: PHYS 370 or ASTR 377 or instructor and department chair permission*
- PHYS 420\* Senior Research (3) *PR: PHYS 419 and instructor and department chair permission*
- OR**
- PHYS 499\* Bachelor's Essay (6) *PR: PHYS 419 or department chair permission; credit will not be awarded for both PHYS 420 and PHYS 499*

**Notes:** \*Credit will not be awarded for both PHYS 420 and PHYS 499.

**Select 15 credit hours from the following electives with department approval. Please note a maximum of 6 credit hours are allowed from PHYS 381, 390 and 399.**

- ASTR 206 Planetary Astronomy (3) *PR: PHYS 111, 111L or PHYS 101, 101L and MATH 120 or equivalent and instructor permission*
- ASTR 311 Stellar Astronomy and Astrophysics (3) *PR: ASTR 230*
- ASTR 312 Galactic and Extragalactic Astronomy (3) *PR: ASTR 311 and MATH 221*
- ASTR 377 Experimental Astronomy (4) *PR: PHYS 230 or instructor permission*
- ASTR 410 Black Holes: Advanced Topics (1) *PR: PHYS 112, PHYS 112L or instructor permission; PR or CO: ASTR 210*
- ASTR 413 Astrophysics (3) *PR: PHYS 301 and MATH 323 or instructor permission*
- ASTR 460L NASA Space Mission Design Leadership Lab (1) *PR: Instructor permission; PR or CO: ASTR 260*
- PHYS 296 Biophysical Modeling of Excitable Cells (3) *PR: (BIOL 112 or HONS 152 and PHYS 112 or HONS 158) or (BIOL 211 and BIOL 305 and PHYS 102) or instructor permission*
- PHYS 301 Classical Mechanics (3) *PR: PHYS 112, PHYS 112L or HONS 158 and MATH 323*
- PHYS 302 Classical Mechanics (3) *PR: PHYS 301*
- PHYS 308 Atmospheric Physics (3) *PR: PHYS 112, PHYS 112L or HONS 158 or instructor permission*
- PHYS 320 Intro to Electronics (4) *PR: PHYS 102 and MATH 120 or PHYS 112 or HONS 158 or instructor permission*
- PHYS 331 Intro to Modern Physics II (3) *PR: PHYS 230*
- PHYS 340 Photonics (4) *PR: PHYS 112, PHYS 112L or HONS 158*
- PHYS 350 Energy Production (4) *PR: CHEM 111, CHEM 111L; (PHYS 112, 112L or HONS 158) or (PHYS 102, 102L and MATH 120)*
- PHYS 370 Experimental Physics (4) *PR: PHYS 230*
- PHYS 381 Internship (1-4) *PR: Declared PHYS major, PHYS 370, and coordinator permission*
- PHYS 390 Research (1-3; repeatable up to 6) *PR: Department chair and instructor permission*
- PHYS 394 Digital Signal and Image Processing with Biomedical Applications (3) *PR: PHYS 112 and 112L or HONS 158 and 158L; CO: PHYS 394L*
- PHYS 394L Digital Signal and Image Processing with Biomedical Applications Laboratory (1) *PR: PHYS 112 and 112L or HONS 158 and 158L; CO: PHYS 394*
- PHYS 397 Research Experience Physics and Astronomy (0) *PR: Only declared majors can take a Zero Credit Research course. Instructor and department chair permission required.*
- PHYS 399 Tutorial (3, repeatable up to 12) *PR: Junior standing and department chair and instructor permission*
- PHYS 403 Introductory Quantum Mechanics (3) *PR: PHYS 230, MATH 323 or instructor permission*
- PHYS 405 Thermal Physics (3) *PR: PHYS 230*
- PHYS 407 Introduction to Nuclear Physics (3) *PR: PHYS 230 or instructor permission*
- PHYS 408 Introduction to Solid State Physics (3) *PR: PHYS 230 or instructor permission*
- PHYS 409 Electricity and Magnetism (3) *PR: PHYS 112, PHYS 112L or HONS 158 and MATH 323 or instructor permission*
- PHYS 410 Electricity and Magnetism (3) *PR: PHYS 409*
- PHYS 412 Special Topics (1-3) *PR: Instructor permission*
- PHYS 415 Fluid Mechanics (3) *PR: MATH 323 and PHYS 301 or instructor permission*
- PHYS 456 Air Pollution Meteorology (4) *PR: PHYS 112, PHYS 112L or (PHYS 102, PHYS 102L and MATH 120) or HONS 158; CHEM 112, CHEM 112L or instructor permission*
- PHYS 457 Satellite Meteorology (3) *PR: PHYS 308 or PHYS 456 or (PHYS 105 and PHYS 112, PHYS 112L) or (PHYS 105 and PHYS 102, PHYS 102L and MATH 120) or (PHYS 105 and HONS 158)*
- PHYS 458 Climate Change (4) *PR: PHYS 112, PHYS 112L or HONS 158*
- PHYS 460L NASA Space Mission Design Leadership Lab (1) *PR: Instructor permission; CO: PHYS 260*

**Mathematics Requirement:**

MATH 120	Introductory Calculus (4) <i>PR: C- or better in MATH 111 or placement</i>
MATH 220	Calculus II (4) <i>PR: MATH 120 or HONS 115</i>
MATH 221	Calculus III (4) <i>PR: MATH 220 or equivalent</i>
MATH 323	Differential Equations (3) <i>PR: MATH 221 and MATH 203 or equivalent or permission of instructor</i>

**Optional:** *Students may also select a concentration in Computational Neuroscience, Energy Production, or Meteorology.*

**Computational Neuroscience Concentration (18+ credit hours)****Required courses:**

CSCI 220	Computer Programming I (3) <i>PR: CSCI 120 or CSCI 180 or CSCI 210 or MATH 111 CO: CSCI 220L</i>
CSCI 220L	Computer Programming I Lab (1) <i>CO: CSCI 220</i>
BIOL 396	Biophysical Modeling of Excitable Cells (3) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and PHYS 111 and 111L and PHYS 112 and 112L or HONS 158 and 158L or BIOL 211 and 211D and BIOL 305 and PHYS 101 and 101L and PHYS 102 and 102L; PR or CO: MATH 250</i>

**OR**

PHYS 296	Biophysics Model and Excitable Cells (3) <i>PR: (BIOL 112 or HONS 152 and PHYS 112 or HONS 158) or (BIOL 211 and BIOL 305 and PHYS 102) or instructor permission</i>
PHYS 394	Digital Signal and Image Processing with Biomedical Applications (3) <i>PR: PHYS 112 and 112L or HONS 158 and 158L; CO: PHYS 394L</i>
PHYS 394L	Digital Signal and Image Processing with Biomedical Applications Laboratory (1) <i>PR: PHYS 112 and 112L or HONS 158 and 158L; CO: PHYS 394</i>

**Complete a minimum of 7 credit hours from the following electives (each elective must be from a different group):**

**Group I**

BIOL 305	Genetics (3) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L; PR or CO: BIOL 211 and 211D and MATH 250 or instructor permission</i>
BIOL 312	Molecular Biology (3) <i>PR: One year of Chemistry and BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L; BIOL 211 and 211D and BIOL 305 or CHEM 232 and 232L; PR or CO: MATH 250</i>
BIOL 313	Cell Biology (3) <i>PR: One year of Chemistry and BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L; and BIOL 211 and 211D or CHEM 232 and 232L; PR or CO: MATH 250; BIOL 305 or CHEM 232 and 232L</i>
BIOL 321	General and Comparative Physiology (4) <i>PR: One year of Chemistry and BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L; BIOL 211 and 211D and BIOL 305 or CHEM 232 and 232L; PR or CO: MATH 250 or equivalent course in statistics or instructor permission</i>
BIOL 343	Animal Behavior (4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L and BIOL 211 and 211D and BIOL 305; PR or CO: MATH 250</i>
BIOL 351	Principles of Neurobiology (3) <i>PR: PSYC 103 and BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L; BIOL 211 and 211D or PSYC 214; PR or CO: MATH 250</i>

**OR**

PSYC 351	Principles of Neurobiology (3) <i>PR: PSYC 103, BIOL 111, 112, and BIOL 211 or PSYC 214, or instructor permission. Note: This course is cross-listed with BIOL 351. If a student has received credit for BIOL 351, the student may not receive credit for PSYC 351.</i>
BIOL 352	Neurobiology and Behavior (3) <i>PR: BIOL 351 or PSYC 351 or PSYC 214; PR or CO: MATH 250</i>

**OR**

PSYC 352	Neurobiology and Behavior (3) <i>PR: BIOL/PSYC 351 or PSYC 214, or instructor permission. Note: This course is cross-listed with BIOL 352. If a student has received credit for BIOL 352, the student may not receive credit for PSYC 352.</i>
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BIOL 446	Special Topics in Neuroscience (3) <i>PR: Junior or senior standing and instructor permission; PR or CO: MATH 250</i>
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**OR**

PSYC 446	Special Topics in Neuroscience (3) <i>PR: Junior or senior standing and instructor permission</i>
BIOL 447	Seminar in Neuroscience (3) <i>PR: BIOL 351 or PSYC 351 and BIOL 352 or PSYC 352; CO: BIOL 448 or PSYC 448; PR or CO: MATH 250</i>

**OR**

PSYC 447	Seminar in Neuroscience (3) <i>PR: BIOL/PSYC 351/352; CO: BIOL/PSYC 448 or instructor permission. Students engaged in independent research or a bachelor's essay will be given priority for enrollment.</i>
PSYC 213	Conditioning and Learning (3) <i>PR: PSYC 103</i>

PSYC 214	Behavioral Neuroscience (3) <i>PR: PSYC 103</i>
PSYC 215	Cognitive Psychology (3) <i>PR: PSYC 103</i>
PSYC 216	Sensation and Perception (formerly PSYC 313) (3) <i>PR: PSYC 103</i>
PSYC 221	Abnormal Psychology (formerly PSYC 307) (3) <i>PR: PSYC 103</i>
PSYC 318	Comparative Psychology (3) <i>PR: PSYC 103</i>
PSYC 353	Hormones and Behavior (Cross-listed with BIOL 353) (3) <i>PR: PSYC 103 and 214 or 216, or instructor permission. Note: This course is cross-listed with BIOL 353. If a student has received credit for BIOL 353, the student may not receive credit for PSYC 353.</i>
PSYC 386	Behavioral Pharmacology (3) <i>PR: PSYC 103; PSYC 214 or BIOL/PSYC 351; PSYC 211 and 220 (or 250 in lieu of 211 and 220) or BIOL 211 and MATH 250; or instructor permission</i>
PSYC 387	Neuropsychology (3) <i>PR: PSYC 103; PSYC 214 or BIOL/PSYC 351; PSYC 211 and 220 (or 250 in lieu of 211 and 220) or BIOL 211 and MATH 250; or instructor permission</i>
PSYC 464	Advanced Behavioral Neuroscience with Lab (3) <i>PR: PSYC 103, 214, 211, 220 (or 250 in lieu of 211 and 220) and junior or senior status</i>
PSYC 466	Advanced Sensation and Perception with Lab (3) <i>PR: PSYC 103, 216, 211, 220 (or 250 in lieu of 211 and 220) and junior or senior status</i>
PSYC 468	Advanced Cognitive Psychology with Lab (3) <i>PR: PSYC 103, 215, 211, 220 (or 250 in lieu of 211 and 220) and junior or senior status</i>

**Group II**

MATH 207	Discrete Structures I (3) <i>PR: MATH 105, MATH 111, or MATH 120</i>
MATH 245	Numerical Methods and Mathematical Computing (3) <i>PR: MATH 203 or MATH 220 or instructor permission; CO: MATH 246</i>
MATH 246	Mathematical Computing and Programming Lab (1) <i>PR: MATH 220 or instructor permission</i>
MATH 307	Discrete Structures II (3) <i>PR: MATH 207 or MATH 295 or instructor permission</i>
MATH 440	Statistical Learning I (3) <i>PR: MATH 203 and MATH 220 and MATH 350</i>
MATH 441	Statistical Learning II (3) <i>PR: MATH 440</i>
MATH 445	Numerical Analysis (3) <i>PR: MATH 203 and MATH 245 and MATH 323</i>
MATH 451	Linear Programming and Optimization (3) <i>PR: MATH 203 and MATH 221 and CSCI 220 or MATH 245 or instructor permission</i>
MATH 452	Operations Research (3) <i>PR: MATH 203 and MATH 430 and CSCI 220 or MATH 245</i>
MATH 470	Mathematical Modeling (3) <i>PR: MATH 203 and MATH 323 and MATH 246 or CSCI 220 or instructor permission</i>
CSCI 221	Computer Programming II (3) <i>PR: CSCI 220, CSCI 220L; CO or PR: MATH 207</i>
CSCI 230	Data Structure and Algorithms (3) <i>PR: CSCI 221, MATH 207</i>
CSCI 334	Data Mining (3) <i>PR: CSCI 221, MATH 207, MATH 250</i>
CSCI 360	Software Architecture and Design (3) <i>PR: CSCI 230, MATH 207; CO: COMM 104</i>
CSCI 362	Software Engineering (3) <i>PR: CSCI 221, MATH 207; CO: COMM 104</i>
CSCI 380	User Interface Development (3) <i>PR: CSCI 221, MATH 207, or instructor permission</i>
CSCI 470	Principles of Artificial Intelligence (3) <i>PR: CSCI 230, MATH 307</i>
CSCI 480	Principles of Computer Graphics (3) <i>PR: CSCI 230, MATH 220, MATH 307</i>

**Group III**

PHYS 203	Physics and Medicine (3) <i>PR: PHYS 102, PHYS 102L or PHYS 112, PHYS 112L or HONS 158</i>
PHYS 270	Nanotechnology and Medicine (3) <i>CO or PR: PHYS 102 or PHYS 112 or HONS 158 or instructor permission</i>
PHYS 298	Special Topics (1-3) <i>PR: Instructor permission</i>
PHYS 320	Intro to Electronics (4) <i>PR: PHYS 102 and MATH 120 or PHYS 112 or PHYS 158 or instructor permission</i>
PHYS 340	Photonics (4) <i>PR: PHYS 112, PHYS 112L or HONS 158</i>
PHYS 381*	Internship (1-4) <i>PR: Coordinator and department chair permission</i>
<b>OR</b>	
PHYS 390*	Research (1-3; repeatable up to 6) <i>PR: Department chair and instructor permission</i>
HONS 390*	Special Topics (3 - 6) <i>PR: None</i>
PHYS 399	Tutorial (3; repeatable up to 12) <i>PR: Junior standing and department chair and instructor permission</i>
PHYS 405	Thermal Physics (3) <i>PR: PHYS 230</i>
PHYS 407	Introduction to Nuclear Physics (3) <i>PR: PHYS 230 or instructor permission</i>
PHYS 408	Introduction to Solid State Physics (3) <i>PR: PHYS 230 or instructor permission</i>
PHYS 412*	Special Topics (1-3) <i>PR: Instructor permission</i>
PHYS 415	Fluid Mechanics (3) <i>PR: MATH 323 and PHYS 301 or instructor permission</i>

PHYS 420\* Senior Research (3) *PR: PHYS 419 and instructor and department chair permission*

**OR**

PHYS 499\* Bachelor's Essay (6) *PR: PHYS 419 or department chair permission; credit will not be awarded for both PHYS 420 and PHYS 499*

**Note:** \*Must be computational neuroscience related and conducted under the mentorship of a neuroscience faculty member from CofC or co-mentorship with MUSC faculty. Prior written approval must be obtained from the coordinator of the Computational Neuroscience concentration. Credit will not be awarded for both Senior Research (PHYS 420) and Bachelor's Essay (PHYS 499/BIOL 448/PSYC 448)

## Energy Production Concentration (Credit Hours: 18+)

### Required Courses

CHEM 111 Principles of Chemistry (3) *PR or CO: MATH 111 or equivalent; CO: CHEM 111L*

CHEM 111L Principles of Chemistry Lab (1) *CO: CHEM 111*

PHYS 350 Energy Production (4) *PR: CHEM 111, CHEM 111L; (PHYS 112, 112L or HONS 158) or (PHYS 102, 102L; MATH 120)*

PHYS 350L Energy Production Lab (0) Energy Production (4) *PR: CHEM 111, CHEM 111L; (PHYS 112, 112L or HONS 158) or (PHYS 102, 102L and MATH 120); CO: PHYS 350*

**Complete 10 credit hours from the following PHYS electives groups including at least two courses totaling a minimum of 6 credit hours from Group I.**

### Group I

PHYS 320 Intro to Electronics (4) *PR: PHYS 102, PHYS 102L or PHYS 112, PHYS 112L or HONS 158*

PHYS 340 Photonics (4) *PR: PHYS 112, PHYS 112L or HONS 158*

PHYS 405 Thermal Physics (3) *PR: PHYS 230*

PHYS 407 Introduction to Nuclear Physics (3) *PR: PHYS 230 or instructor permission*

PHYS 408 Introduction to Solid State Physics (3) *PR: PHYS 230 or instructor permission*

### Group II

CHEM 341 Physical Chemistry I (3) *PR: CHEM 221 and MATH 220; CO: CHEM 341L (MATH 221 is strongly recommended.)*

CHEM 341L Physical Chemistry I Laboratory (1) *CO: CHEM 341*

CHEM 528 Nuclear and Radiochemistry (3) *PR: CHEM 221 or CHEM 231*

GEOL 320 Earth Resources (3) *PR: GEOL 101, GEOL 101L or GEOL 103, GEOL 103L and GEOL 105, GEOL 105L or HONS 155 and 156 or instructor permission*

PHYS 308 Atmospheric Physics (3) *PR: PHYS 112, PHYS 112L or HONS 158 or instructor permission*

PHYS 381 Internship (1-4) *PR: Declared PHYS major, PHYS 370, or coordinator permission*

PHYS 390 Research (1-3; repeatable up to 6) *PR: Department chair and instructor permission*

PHYS 409 Electricity and Magnetism (3) *PR: PHYS 112, PHYS 112L or HONS 158 and MATH 323 or instructor permission*

PHYS 412 Special Topics (Energy Related) (1-3) *PR: Instructor permission*

PHYS 415 Fluid Mechanics (3) *PR: MATH 323 and PHYS 301 or instructor permission*

PHYS 456 Air Pollution Meteorology (4) *PR: PHYS 112, PHYS 112L or (PHYS 102, PHYS 102L and MATH 120) or HONS 158; CHEM 112, CHEM 112L or instructor permission*

PHYS 457 Satellite Meteorology (3) *PR: PHYS 308 or PHYS 456 or (PHYS 105 and PHYS 112, PHYS 112L) or (PHYS 105 and PHYS 102, PHYS 102L and MATH 120) or (PHYS 105 and HONS 158)*

PHYS 458 Climate Change (4) *PR: PHYS 112, PHYS 112L or HONS 158*

## Meteorology Concentration (Credit Hours: 18+)

**Complete 6 credit hours from the following:**

PHYS 105\* Introduction to Meteorology (3) *PR: A working knowledge of high school algebra is assumed.*

PHYS 308 Atmospheric Physics (3) *PR: PHYS 112, PHYS 112L or HONS 158*

PHYS 456\* Air Pollution Meteorology (4) *PR: PHYS 102, PHYS 102L and MATH 120 or CHEM 112, CHEM 112L and PHYS 112, PHYS 112L or HONS 158*

PHYS 457 Satellite Meteorology (3) *PR: PHYS 308 or PHYS 456 or (PHYS 105 and PHYS 112, PHYS 112L) or (PHYS 105 and PHYS 102, PHYS 102L and MATH 120) or (PHYS 105 and HONS 158)*

PHYS 458 Climate Change (4) *PR: PHYS 112, 112L or HONS 158*

**Notes:** \*A student will not receive credit for both PHYS 105 and PHYS 456

**Complete an additional 12 credit hours from the following. Courses do not count if already chosen for major core course requirements.**

ASTR 206	Planetary Astronomy (3) PR: PHYS 111, PHYS 111L or PHYS 101, PHYS 101L or HONS 157 or instructor permission
BIOL 204	Man and the Environment (3) PR: None
BIOL 342	Oceanography (4) PR: BIOL 211, 211D; CO or PR: BIOL 305
CHEM 111	Principles of Chemistry (3) PR: MATH 111 or equivalent; CO: CHEM 111L
CHEM 111L	Principles of Chemistry Lab (1) CO: CHEM 111
ENVT 200	Introduction to Environmental Studies (3) PR: Sophomore standing
GEOL 103	Environmental Geology (3) PR: None; CO: GEOL 103L
GEOL 103L	Environmental Geology Lab (1) CO: GEOL 103
GEOL 240*	Special Topics in Geology (1-4) PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L or instructor permission
GEOL 314	Introduction to Remote Sensing (4) PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L or instructor permission
GEOL 438	Hydrogeology (4) PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 155 and 155L and HONS 156 and 156L and MATH 111 or 120 or instructor permission
GEOL 442	Geological Application of Remote Sensing (4) PR: GEOL 101 and 101L or GEOL 103 and 103L and GEOL 105 and 105L or HONS 156 and 156L and MATH 111 or 120 or instructor permission
HONS 390*	Special Topics (3-6) PR: None
PHYS 298*	Special Topics (1-3) PR: Instructor and department chair permission
PHYS 301	Classical Mechanics (3) PR: PHYS 112, PHYS 112L or HONS 158 and MATH 323
PHYS 308	Atmospheric Physics (3) PR: PHYS 112, PHYS 112L or HONS 158 or instructor permission
PHYS 340	Photonics (4) PR: PHYS 112, PHYS 112L or HONS 158
PHYS 390*	Research (1-3; repeatable up to 6) PR: Department chair and instructor permission
PHYS 399	Tutorial (3; repeatable up to 12) PR: Junior standing and department chair and instructor permission
PHYS 405	Thermal Physics (3) PR: PHYS 230
PHYS 407	Introduction to Nuclear Physics (3) PR: PHYS 230 or instructor permission
PHYS 408	Introduction to Solid State Physics (3) PR: PHYS 230 or instructor permission
PHYS 412*	Special Topics (1-3) PR: Instructor permission and topic must be meteorology related
PHYS 415	Fluid Mechanics (3) PR: MATH 323 and PHYS 301 or instructor permission
PHYS 420*	Senior Research (3) PR: PHYS 419 and instructor and department chair permission
PHYS 456	Air Pollution Meteorology (4) PR: PHYS 112, PHYS 112L or (PHYS 102, PHYS 102L and MATH 120) or HONS 158; CHEM 112, CHEM 112L or instructor permission
PHYS 457	Satellite Meteorology (3) PR: PHYS 308 OR PHYS 456 or (PHYS 105 and PHYS 112, PHYS 112L) or (PHYS 105 and PHYS 102, PHYS 102L and MATH 120) or (PHYS 105 and HONS 158)
PHYS 458	Climate Change (4) PR: PHYS 112, PHYS 112L or HONS 158
PHYS 499*	Bachelor's Essay (6) PR: Department approval; credit will not be awarded for both PHYS 420 and PHYS 499

**Note:** \* These courses must involve meteorology and be approved by the Program Director. \*Credit will not be awarded for both PHYS 420 and PHYS 499

**Notes:**

- With department approval, completion with grades of at least "B" in PHYS 101/101L and PHYS 102/102L, together with MATH 120 and MATH 220 may be substituted for PHYS 111/111L and PHYS 112/112L.
- Suggested programs of study leading to graduate school in physics, astronomy, astrophysics, meteorology and engineering are available from the department.

# Political Science Major Requirements

Degree: Bachelor of Arts

Credit Hours: 36+

"PR" indicates a pre-requisite. "CO" indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult <http://registrar.cofc.edu/general-edu> for more information.

## Required Courses

POLI 101 American Government (3) *PR: None*

POLI 103 World Politics (3) *PR: None*

### OR

POLI 104 World Regional Geography (3) *PR: None*

POLI 150 Introduction to Political Thought (3) *PR: None*

POLI 205 Doing Research in Politics (3) *PR: None*

POLI 405 Capstone Seminar (3) *PR: POLI 205; Take in the last 9 credit hours of POLI courses.*

**Note: At least 15 credit hours at the 300-level or above is required of this major.**

**Select a minimum of 3 credit hours in each of the three subfields of political science.**

## American Politics and Process

POLI 210 Introduction to Public Administration (3) *PR: None*

POLI 211 Introduction to Public Policy (3) *PR: None*

POLI 213 State and Local Politics (3) *PR: None*

POLI 214 LGBT Politics (3) *PR: None*

POLI 301 Bureaucratic Politics and Policy (3) *PR: POLI 101 or instructor permission*

POLI 304 American Foreign Policy Process (3) *PR: None*

POLI 305 Urbanization and Urban Geography (3) *PR: None*

POLI 306 Urban Policy (3) *PR: None*

POLI 307 Environmental Policy (3) *PR: None*

POLI 308 Education Policy (3) *PR: None*

POLI 309 Health Policy (3) *PR: None*

POLI 310 Urban Applications of Geographic Information Systems (GIS) (3) *PR: None*

POLI 311 Policymaking in State Legislatures (3) *PR: None*

POLI 319 Special Topics in Public Policy (3) *PR: None*

POLI 320 Constitutional Law (3) *PR: POLI 101 or instructor permission*

POLI 321 Civil Liberties (3) *PR: None*

POLI 322 Urban Government and Politics (3) *PR: POLI 101 or instructor permission*

POLI 323 The Congress (3) *PR: POLI 101 or instructor permission*

POLI 324 The Judiciary (3) *PR: POLI 101 or instructor permission*

POLI 325 The Presidency (3) *PR: POLI 101 or instructor permission*

POLI 326 American Politics and Mass Media (3) *PR: POLI 101 or instructor permission*

POLI 327 Political Parties (3) *PR: POLI 101 or instructor permission*

POLI 328 Campaigns and Elections (3) *PR: POLI 101 or instructor permission*

POLI 329 Public Opinion in American Politics (3) *PR: POLI 101 or instructor permission*

POLI 330 Southern Politics (3) *PR: None*

POLI 331 Geography of Native Lands/Indian Law (3) *PR: None*

POLI 332 Women and Politics (3) *PR: None*

POLI 333 Suburbia: People, Places, and Politics (3) *PR: None*

POLI 334 Political Campaign Communications (3) *PR: POLI 101 or instructor permission*

POLI 335 Religion in American Politics (3) *PR: POLI 101 or instructor permission*

POLI 339 Special Topics in American Politics (3) *PR: None*

**Global Politics and Spaces**

POLI 240	Introduction to Comparative Politics (3) <i>PR: None</i>
POLI 245	Cuban Revolution (3) <i>PR: None</i>
POLI 260	International Relations Theory (3) <i>PR: None</i>
POLI 265	International Political Economy (3) <i>PR: None</i>
POLI 266	International Diplomacy Studies (3) <i>PR: None</i>
POLI 340	Politics of Latin America (3) <i>PR: None</i>
POLI 342	Politics of Africa (3) <i>PR: None</i>
POLI 343	Politics of East Asia (3) <i>PR: None</i>
POLI 344	Politics of the Middle East (3) <i>PR: None</i>
POLI 345	Politics of China (3) <i>PR: None</i>
POLI 346	Politics of Southeast Asia (3) <i>PR: None</i>
POLI 347	International Development: Theories and Practices (3) <i>PR: None</i>
POLI 348	Politics of Protest and Revolution (3) <i>PR: None</i>
POLI 350	Comparative Gender Politics (3) <i>PR: None</i>
POLI 351	Politics of Contemporary Brazil (3) <i>PR: None</i>
POLI 352	Geographies and Politics of the European Union (3) <i>PR: None</i>
POLI 353	Geographies and Politics of Food (3) <i>PR: None</i>
POLI 359	Special Topics in Comparative Politics (3) <i>PR: None</i>
POLI 360	International Human Rights Law (3) <i>PR: None</i>
POLI 361	Topics in Foreign Policy (3) <i>PR: None</i>
POLI 363	International Law and Organization (3) <i>PR: None</i>
POLI 364	International Environmental Politics (3) <i>PR: None</i>
POLI 365	International Relations of the Middle East (3) <i>PR: None</i>
POLI 367	Geography of International Conflict (3) <i>PR: None</i>
POLI 368	Political Geography (3) <i>PR: None</i>
POLI 369	Politics of Globalization (3) <i>PR: None</i>
POLI 379	Special Topics in International Relations (3) <i>PR: None</i>

**Politics of Ideas**

POLI 292	Topics in Gender, Theory and Law (3) <i>PR: None</i>
POLI 293	Ethics and Politics (3) <i>PR: None</i>
POLI 294	Sustainability (3) <i>PR: None</i>
POLI 295	Law and Society (3) <i>PR: None</i>
POLI 380	Jurisprudence (3) <i>PR: None</i>
POLI 387	American Political Thought (3) <i>PR: None</i>
POLI 390	Contemporary Liberalism (3) <i>PR: None</i>
POLI 391	Utopia/ Dystopia (3) <i>PR: None</i>
POLI 395	Global Political Theory (3) <i>PR: None</i>
POLI 397	Environmental Geography (3) <i>PR: None</i>
POLI 399	Special Topics in Politics of Ideas (3) <i>PR: None</i>

**Select 12 additional credit hours to complete the major. Choose from any of the above subfield courses or the following:**

POLI 119	Special Topics in Politics (3) <i>PR: None</i>
POLI 203	Criminal Justice (3) <i>PR: None</i>
POLI 400	Tutorial (3) <i>PR: Junior standing; tutor and department chair permission</i>
POLI 401	Reading and Independent Study in Political Science (3) <i>PR: Instructor permission</i>
POLI 402	Field Internship (3) <i>PR: POLI 205; junior or senior standing; department permission, completion of 18 credit hours in POLI; Normally, a minimum cumulative GPA of 2.50 and a POLI major GPA of 2.80.</i>
POLI 499	Bachelor's Essay (3) <i>PR: A project proposal must be submitted in writing and approved by the department prior to registration for the course.</i>

**Optional:** *Students may add a concentration in Politics, Philosophy and Law*



## Politics, Philosophy and Law (18 credit hours)

A concentration in Politics, Philosophy, and Law allows focused attention on theoretical issues related to the law. The concentration is jointly administered by the departments of philosophy and political science.

### Required Courses

PHIL 209 Political Philosophy (3) *PR: None*

#### OR

POLI 150 Introduction to Political Thought (formerly POLS 250) (3) *PR: None*

POLI 320 Constitutional Law (formerly POLS 341) (3) *PR: POLI 101 or instructor permission*

PHIL 270 Philosophy of Law (3) *PR: None*

#### OR

POLI 380 Jurisprudence (formerly POLS 344) (3) *PR: None*

PPLW 400\* Seminar in Politics, Philosophy and Law (3) *PR: Senior standing*

**Note:** \*This course will substitute for PHIL 450 or POLI 405 as major requirement.

### Select an additional two courses from the following:

PHIL 206 Topics in Law and Morality (3) *PR: None*

PHIL 210 Philosophy, Law, and the Arts (3) *PR: None*

PHIL 315 Topics in Political and Social Philosophy (3) *PR: 6 credit hours in PHIL*

POLI 292 Topics in Gender, Theory, and Law (3) *PR: None*

POLI 295 Law and Society (3) *PR: None*

POLI 321 Civil Liberties (3) *PR: None*

POLI 324 The Judiciary (3) *PR: POLI 101 or instructor permission*

POLI 331 Geography of Native Lands/Indian Law (3) *PR: None*

POLI 360 International Human Rights Law (3) *PR: None*

POLI 363 International Law and Organization (3) *PR: None*

POLI 390 Contemporary Liberalism (3) *PR: None*

**Note:** Additional courses on suitable topics may be approved for credit by the director. Since POLI 320 is required, PHIL majors will take at least one course in POLI. POLI majors must also take at least one course in PHIL.

### Political Science Teacher Education Program (Grades 9-12)

Students interested in teacher certification in social studies must complete the political science major, the additional coursework required for social studies certification and the Secondary Education Cognate major requirements. See the School of Education, Health and Human Performance section of this catalog for a listing of the requirements for the additional certification coursework and the secondary education cognate major. Students should apply for acceptance to this program no later than the second semester of their sophomore year. Requirements for this include admission to and successful completion of the approved teacher education program. Students must successfully complete all requirements for certification in secondary education.

When declaring teacher certification in social studies through the Program of Study Management System (POSM), students must first select "Declare or Add a Major" and then "Secondary Education Cognate" from the major list. Once this selection is made, a second menu box will appear with a list of the associated majors. Select the political science major and follow the on-screen instructions.

## Psychology (B.A.) Major Requirements

Degree: Bachelor of Arts

Credit Hours: 47+

"PR" indicates a pre-requisite. "CO" indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult <http://registrar.cofc.edu/general-edu> for more information.

### Required Introductory Course

PSYC 103 Introduction to Psychological Science (3) *PR: None*

**Experimental Foundations**

- PSYC 211\* Psychological Statistics (3) *PR: PSYC 103*  
 PSYC 220 Research Methods (3) *PR: PSYC 103 and 211*

**Note:** *\*It is recommended that students take one or more mathematics courses prior to enrollment in PSYC 211.*

**Select two courses totaling 6 credit hours from the following:**

- PSYC 213 Conditioning and Learning (3) *PR: PSYC 103*  
 PSYC 214 Behavioral Neuroscience (3) *PR: PSYC 103*  
 PSYC 215 Cognitive Psychology (3) *PR: PSYC 103*  
 PSYC 216 Sensation and Perception (formerly PSYC 313) (3) *PR: PSYC 103*

**Note:** *Students may elect to enroll in more than the two required courses from this cluster. Students completing additional courses from this cluster can apply these credit hours towards the elective hours required for the major.*

**Select two courses totaling 6 credit hours from the following:**

- PSYC 221 Abnormal Psychology (formerly PSYC 307) (3) *PR: PSYC 103*  
 PSYC 222 Psychology of Personality (formerly PSYC 308) (3) *PR: PSYC 103*  
 PSYC 223 Social Psychology (formerly PSYC 310) (3) *PR: PSYC 103*  
 PSYC 224 Lifespan Development (formerly PSYC 311) (3) *PR: PSYC 103*

**Note:** *Student may elect to enroll in more than the two required courses from this cluster. Students completing additional courses from this cluster can apply these credit hours toward the elective hours required for the major.*

**Select four courses totaling 12 credit hours; 6 of these credit hours must be at 351-level or above:**

- PSYC 315 Special Topics in Psychology I (3) *PR: PSYC 103*  
 PSYC 318 Comparative Psychology (3) *PR: PSYC 103*  
 PSYC 321 Industrial Psychology (3) *PR: PSYC 103*  
 PSYC 329 Environmental Psychology (3) *PR: PSYC 103*  
 PSYC 333 Health Psychology (3) *PR: PSYC 103*  
 PSYC 334 Psychology of Stress (3) *PR: PSYC 103*  
 PSYC 335 Positive Psychology: Optimizing Psychological Well-being (3) *PR: PSYC 103*  
 PSYC 344 Psychology of Substance Abuse (formerly PSYC 388) (3) *PR: PSYC 103 and 221 (formerly 307)*  
 PSYC 349 Psychology of Entrepreneurship (3) *PR: MATH 104, or PSYC 211 or DSCI 232 and junior standing or instructor permission. Note: This course is cross-listed with MGMT 377. If a student has received credit for MGMT 377, the student may not receive credit for PSYC 349.*  
 PSYC 350 Psychology of Gender (3) *PR: PSYC 103*  
 PSYC 351 Principles of Neurobiology (3) *PR: PSYC 103, BIOL 111, 112, and BIOL 211 or PSYC 214, or instructor permission. Note: This course is cross-listed with BIOL 351. If a student has received credit for BIOL 351, the student may not receive credit for PSYC 351.*  
 PSYC 352 Neurobiology and Behavior (3) *PR: BIOL/PSYC 351 or PSYC 214, or instructor permission. Note: This course is cross-listed with BIOL 352. If a student has received credit for BIOL 352, the student may not receive credit for PSYC 352.*  
 PSYC 353 Hormones and Behavior (Cross-listed with BIOL 353) (3) *PR: PSYC 103 and 214 or 216, or instructor permission. Note: This course is cross-listed with BIOL 353. If a student has received credit for BIOL 353, the student may not receive credit for PSYC 353.*  
 PSYC 355 Sport Psychology (3) *PR: PSYC 103, 211, 220 (or 250 in lieu of 211 and 220) or instructor permission. Note: This course is cross-listed with PEHD 355. If a student has received credit for PEHD 355, the student may not receive credit for PSYC 355*  
 PSYC 356 Behavioral Genetics (3) *PR: PSYC 103 and BIOL 111, or instructor permission*  
 PSYC 358 Nonverbal Communication (formerly PSYC 340) (3) *PR: PSYC 103, 211, 220 (or 250 in lieu of 211 and 220) or instructor permission*  
 PSYC 370 Tests and Measurements (3) *PR: PSYC 103, 211, 220 (or 250 in lieu of 211 and 220)*  
 PSYC 372 Applied Behavior Analysis (3) *PR: PSYC 103, 211, 213, 220 (or 250 in lieu of 211 and 220)*  
 PSYC 375 Topics in Child and Adolescent Development (3) *PR: PSYC 103 and 224 (formerly 311), 211, 220 (or 250 in lieu of 211 and 220)*  
 PSYC 376 Mass Media and Human Development (3) *PR: PSYC 103 and 224 (formerly 311), 211, 220 (or 250 in lieu of 211 and 220)*  
 PSYC 378 Psychology of Language (3) *PR: PSYC 103 and 215, 211, 220 (or 250 in lieu of 211 and 220) or instructor permission*  
 PSYC 386 Behavioral Pharmacology (3) *PR: PSYC 103; PSYC 214 or BIOL/PSYC 351; PSYC 211 and 220 (or 250 in lieu of 211 and 220) or BIOL 211 and MATH 250; or instructor permission*

PSYC 387	Neuropsychology (3) <i>PR: PSYC 103; PSYC 214 or BIOL/PSYC 351; PSYC 211 and 220 (or 250 in lieu of 211 and 220) or BIOL 211 and MATH 250; or instructor permission</i>
PSYC 389	Child Psychopathology (3) <i>PR: PSYC103, 221, 211, 220 (or 250 in lieu of 211 and 220)</i>
PSYC 390	Research Design and Interpretation (3) <i>PR: PSYC 103, 211, 220 (or 250 in lieu of 211 and 220)</i>
PSYC 392	Scientific Foundations of Clinical Psychology (3) <i>PR: PSYC 103, 221 (formerly 307), 211, 220 (or 250 in lieu of 211 and 220)</i>
PSYC 394	History and Systems of Psychology (3) <i>PR: PSYC 103, 211, 220 (or 250 in lieu of 211 and 220) and at least 12 additional credit hours in psychology</i>
PSYC 397	Internship Experience (3) <i>PR: This class is open to junior or senior psychology majors with an overall and major minimum GPA of 3.00. Students must have successfully completed the following courses before they are eligible to apply: PSYC 103, 213, 214, 215, 211 and 220 (or 250 in lieu of 211 and 220)</i>
PSYC 404	Teaching Mentorship (3) <i>PR: 103, 211, 220 (or 250 in lieu of 211 and 220) and open only to junior and senior PSYC majors with a minimum PSYC GPA of 3.00 or instructor permission</i>
PSYC 410	Special Topics in Psychology (1-4) <i>PR: PSYC 103; PSYC 211 and 220 (or 250 in lieu of 211 and 220); declared psychology major or instructor permission for non-majors. (No more than 6 credit hours in special topics may be applied to meet the requirements for the major.)</i>
PSYC 446	Special Topics in Neuroscience (3) <i>PR: Junior or senior standing and instructor permission</i>
PSYC 447	Seminar in Neuroscience (3) <i>PR: BIOL/PSYC 351/352; CO: BIOL/PSYC 448 or instructor permission. Students engaged in independent research or a bachelor's essay will be given priority for enrollment.</i>
PSYC 448	Bachelor's Essay in Neuroscience (6) <i>PR: BIOL/PSYC 351 and 352 and permission of both the student's major department and the neuroscience program director</i>
PSYC 460	Advanced Conditioning and Learning with Lab (3) <i>PR: PSYC 103, 213, 211, 220 (or 250 in lieu of 211 and 220) and junior or senior status</i>
PSYC 462	Advanced Social Psychology with Lab (3) <i>PR: PSYC 103, 223, 211, 220 (or 250 in lieu of 211 and 220) and junior or senior status</i>
PSYC 464	Advanced Behavioral Neuroscience with Lab (3) <i>PR: PSYC 103, 214, 211, 220 (or 250 in lieu of 211 and 220) and junior or senior status</i>
PSYC 466	Advanced Sensation and Perception with Lab (3) <i>PR: PSYC 103, 216, 211, 220 (or 250 in lieu of 211 and 220) and junior or senior status</i>
PSYC 468	Advanced Cognitive Psychology with Lab (3) <i>PR: PSYC 103, 215, 211, 220 (or 250 in lieu of 211 and 220) and junior or senior status</i>
PSYC 469	Advanced Developmental with Lab (3) <i>PR: PSYC 103, 224, 211, 220 (or 250 in lieu of 211 and 220) and junior or senior status</i>
PSYC 497	Tutorial (formerly PSYC 399) (3) <i>PR: PSYC 103, 211 and 220 (or 250 in lieu of 211 and 220); junior or senior standing; tutor permission; and department chair permission</i>
PSYC 498	Independent Study (formerly PSYC 400) (1-3) <i>PR: PSYC 103, 211 and 220 (or 250 in lieu of 211 and 220); Open to junior and senior psychology majors with the permission of a faculty member as supervisor and of the department chair. Formal written application stating the nature of the project and presenting evidence of sufficient background knowledge for the enterprise must be submitted prior to registration. Open only to students having a GPA of at least 3.00 in psychology courses. (No more than 6 credit hours in independent study may be applied toward the major.)</i>
PSYC 499	Bachelor's Essay (6) <i>PR: PSYC 103, 211 and 220 (or 250 in lieu of 211 and 220); Open to psychology majors with an overall GPA of at least 3.40; senior standing, tutor permission and department chair approval. Formal written application stating the nature of the project and presenting evidence of sufficient background knowledge for the enterprise must be submitted prior to registration.</i>

**Note:** *Independent Study/Special Topic limitations: A maximum of 6 credit hours of PSYC 498 may apply to the major requirements; a maximum of 6 credit hours of PSYC 410 may apply to major requirements.*

**Math Requirement: Select two MATH courses at the 104-level or above totaling at least 6 credit hours:**

MATH 104	Introductory Statistics (3) <i>PR: MATH 101 or placement</i>
MATH 105	Calculus for Business and the Social Sciences (3) <i>PR: MATH 101 or placement</i>
MATH 111	Pre-Calculus Mathematics (4) <i>PR: C- or better in MATH 101 or placement</i>
MATH 120	Introductory Calculus (4) <i>PR: C- or better in MATH 111 or placement</i>
MATH 207	Discrete Structures I (3) <i>PR: MATH 105, 111 or 120</i>
MATH 220	Calculus II (4) <i>PR: MATH 120 or HONS 115</i>
MATH 250	Statistical Methods I (3) <i>PR: Either MATH 111, 120 or instructor permission</i>

**Note:** *For higher level MATH courses that can count for this requirement, please consult with the Psychology Department. Honors math courses may also fulfill this requirement as long as they are calculus classes or have calculus as a pre-requisite.*

**Science Requirement: Select 8 credit hours of an introductory sequence or higher in biology, chemistry, or physics of which 2 credit hours must be earned in the accompanying laboratories:**

BIOL 101	Concepts and Applications in Biology I (4) <i>PR: None; CO: BIOL 101L</i>
BIOL 101L	Concepts and Applications in Biology I Lab (0) <i>CO: BIOL 101</i>
BIOL 102	Concepts and Applications in Biology II (4) <i>PR: BIOL 101 and 101 lab; CO: BIOL 102L</i>
BIOL 102L	Concepts and Applications in Biology II Lab (0) <i>CO: BIOL 102</i>
BIOL 111	Introduction to Cell and Molecular Biology (3) <i>PR: None; CO: BIOL 111L</i>
BIOL 111L	Introduction to Cell and Molecular Biology Lab (1) <i>CO: BIOL 111</i>
BIOL 112	Evolution, Form, and Function of Organisms (3) <i>PR: BIOL 111 and 111L; CO: BIOL 112L</i>
BIOL 112L	Evolution, Form, and Function of Organisms Lab (1) <i>CO: BIOL 112</i>
CHEM 101	General Chemistry (3) <i>PR: None; CO: CHEM 101L</i>
CHEM 101L	General Chemistry Lab (1) <i>CO: CHEM 101</i>
CHEM 102	Organic and Biological Chemistry (3) <i>PR: CHEM 101 and 101L; CO: CHEM 102L</i>
CHEM 102L	Organic and Biological Chemistry Lab (1) <i>CO: CHEM 102</i>
CHEM 111	Principles of Chemistry (3) <i>PR/CO: CHEM 111L; Unless students exempt MATH 111 (via diagnostic testing) or have completed this course as a pre-requisite, they are required to take MATH 111 as a co-requisite.</i>
CHEM 111L	Principles of Chemistry Lab (1) <i>CO: CHEM 111</i>
CHEM 112	Principles of Chemistry (3) <i>PR: CHEM 111 and 111L</i>
CHEM 112L	Principles of Chemistry Lab (1) <i>CO: CHEM 112</i>
PHYS 101	Introductory Physics I (3) <i>PR: None; CO: PHYS 101L</i>
PHYS 101L	Introductory Physics Lab (1) <i>CO: PHYS 101</i>
PHYS 102	Introductory Physics II (3) <i>PR: PHYS 101 or PHYS 111 or HONS 157; CO: PHYS 102L</i>
PHYS 102L	Introductory Physics Lab (1) <i>CO: PHYS 102</i>
PHYS 111	General Physics I (3) <i>CO: PHYS 111L; PR or CO: MATH 120 or equivalent or instructor permission</i>
PHYS 111L	General Physics I Lab (1) <i>CO: PHYS 111 or instructor permission</i>
PHYS 112	General Physics II (3) <i>PR: PHYS 111 and 111L; CO: PHYS 112L; PR or CO: MATH 220 or equivalent or instructor permission</i>
PHYS 112L	General Physics II Lab (1) <i>CO: PHYS 112 or instructor permission</i>

**Note:** The above listed 8 credit hour natural science sequences are at the introductory level. Higher level sequences (e.g. BIOL 201-202) taken at the College or transferred from another school may also satisfy this requirement.

## Psychology (B.S.) Major Requirements

Degree: Bachelor of Science

Credit Hours: 63+

"PR" indicates a pre-requisite. "CO" indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult <http://registrar.cofc.edu/general-edu> for more information.

### Required Introductory Coursework

PSYC 103	Introduction to Psychological Science (3) <i>PR: None</i>
PSYC 211	Psychological Statistics (3) <i>PR: PSYC 103</i>
PSYC 220	Research Methods (3) <i>PR: PSYC 103 and 211</i>

Students make take PSYC 250 in lieu of PSYC 211 and 220.

PSYC 250*	Psychological Statistics and Research Methods (6) <i>PR: PSYC 103</i>
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**Note:** \*PSYC 250 is strongly recommended for students in the BS program; however, students may take PSYC 211 and PSYC 220 in lieu of PSYC 250. Students who have completed PSYC 250 may not receive credit for PSYC 211 and PSYC 220. Similarly, students who complete PSYC 211 or PSYC 220 may not receive credit for PSYC 250. \*\*It is recommended that students take one or more mathematics courses prior to enrollment in PSYC 211 or PSYC 250.

### Required Advanced Experimental Coursework

PSYC 390	Research Design and Interpretation (3) <i>PR: PSYC 103, 211 and 220. Students may take PSYC 250 in lieu of PSYC 211 and 220.</i>
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**Laboratory Requirement: Select one course from the following:**

- PSYC 460 Advanced Conditioning and Learning with Lab (3) *PR: PSYC 103, 213, 211, 220 (or 250 in lieu of 211 and 220) and junior or senior status*
- PSYC 462 Advanced Social Psychology with Lab (3) *PR: PSYC 103, 223, 211, 220 (or 250 in lieu of 211 and 220) and junior or senior status*
- PSYC 464 Advanced Behavioral Neuroscience with Lab (3) *PR: PSYC 103, 214, 211, 220 (or 250 in lieu of 211 and 220) and junior or senior status*
- PSYC 466 Advanced Sensation and Perception with Lab (3) *PR: PSYC 103, 216, 211, 220 (or 250 in lieu of 211 and 220) and junior or senior status*
- PSYC 468 Advanced Cognitive Psychology with Lab (3) *PR: PSYC 103, 215, 211, 220 (or 250 in lieu of 211 and 220) and junior or senior status*
- PSYC 469 Advanced Developmental with Lab (3) *PR: PSYC 103, 224, 211, 220 (or 250 in lieu of 211 and 220) and junior or senior status*

**Note:** Students may elect to enroll in more than the one required advance lab from this cluster. Students completing additional courses from this cluster can apply these credit hours toward the elective hours required for the major.

**Select three courses totaling 9 credit hours from the following:**

- PSYC 213 Conditioning and Learning (3) *PR: PSYC 103*
- PSYC 214 Behavioral Neuroscience (3) *PR: PSYC 103*
- PSYC 215 Cognitive Psychology (3) *PR: PSYC 103*
- PSYC 216 Sensation and Perception (formerly PSYC 313) (3) *PR: PSYC 103*

**Note:** Students may elect to enroll in more than the required three courses from this cluster. Students completing additional courses from this cluster can apply these credit hours toward the elective hours required for the major.

**Select three courses totaling 9 credit hours from the following:**

- PSYC 221 Abnormal Psychology (formerly PSYC 307) (3) *PR: PSYC 103*
- PSYC 222 Psychology of Personality (formerly PSYC 308) (3) *PR: PSYC 103*
- PSYC 223 Social Psychology (formerly PSYC 310) (3) *PR: PSYC 103*
- PSYC 224 Lifespan Development (formerly PSYC 311) (3) *PR: PSYC 103*

**Note:** Students may elect to enroll in more than the required three courses from this cluster. Students completing additional courses from this cluster can apply these credit hours toward the elective hours required for the major.

**Select five courses totaling 15 credit hours; 9 of these credit hours must be at 351-level or above:**

- PSYC 315 Special Topics in Psychology I (3) *PR: PSYC 103*
- PSYC 318 Comparative Psychology (3) *PR: PSYC 103*
- PSYC 321 Industrial Psychology (3) *PR: PSYC 103*
- PSYC 329 Environmental Psychology (3) *PR: PSYC 103*
- PSYC 333 Health Psychology (3) *PR: PSYC 103*
- PSYC 334 Psychology of Stress (3) *PR: PSYC 103*
- PSYC 335 Positive Psychology: Optimizing Psychological Well-being (3) *PR: PSYC 103*
- PSYC 344 Psychology of Substance Abuse (formerly PSYC 388) (3) *PR: PSYC 103 and 221 (formerly 307)*
- PSYC 349 Psychology of Entrepreneurship (3) *PR: MATH 104, or PSYC 211 or DSCI 232 and junior standing or instructor permission. Note: This course is cross-listed with MGMT 377. If a student has received credit for MGMT 377, the student may not receive credit for PSYC 349.*
- PSYC 350 Psychology of Gender (3) *PR: PSYC 103*
- PSYC 351 Principles of Neurobiology (3) *PR: PSYC 103, BIOL 111, 112, and BIOL 211 or PSYC 214, or instructor permission. Note: This course is cross-listed with BIOL 351. If a student has received credit for BIOL 351, the student may not receive credit for PSYC 351.*
- PSYC 352 Neurobiology and Behavior (3) *PR: BIOL/PSYC 351 or PSYC 214, or instructor permission. Note: This course is cross-listed with BIOL 352. If a student has received credit for BIOL 352, the student may not receive credit for PSYC 352.*
- PSYC 353 Hormones and Behavior (Cross-listed with BIOL 353) (3) *PR: PSYC 103 and 214 or 216, or instructor permission. Note: This course is cross-listed with BIOL 353. If a student has received credit for BIOL 353, the student may not receive credit for PSYC 353.*
- PSYC 355 Sport Psychology (3) *PR: PSYC 103, 211, 220 (or 250 in lieu of 211 and 220) or instructor permission. Note: This course is cross-listed with PEHD 355. If a student has received credit for PEHD 355, the student may not receive credit for PSYC 355*
- PSYC 356 Behavioral Genetics (3) *PR: PSYC 103 and BIOL 111, or instructor permission*

PSYC 358	Nonverbal Communication (formerly PSYC 340) (3) <i>PR: PSYC 103, 211, 220 (or 250 in lieu of 211 and 220) or instructor permission</i>
PSYC 370	Tests and Measurements (3) <i>PR: PSYC 103, 211, 220 (or 250 in lieu of 211 and 220)</i>
PSYC 372	Applied Behavior Analysis (3) <i>PR: PSYC 103, 211, 213, 220 (or 250 in lieu of 211 and 220)</i>
PSYC 375	Topics in Child and Adolescent Development (3) <i>PR: PSYC 103 and 224 (formerly 311), 211, 220 (or 250 in lieu of 211 and 220)</i>
PSYC 376	Mass Media and Human Development (3) <i>PR: PSYC 103 and 224 (formerly 311), 211, 220 (or 250 in lieu of 211 and 220)</i>
PSYC 378	Psychology of Language (3) <i>PR: PSYC 103 and 215, 211, 220 (or 250 in lieu of 211 and 220) or instructor permission</i>
PSYC 386	Behavioral Pharmacology (3) <i>PR: PSYC 103; PSYC 214 or BIOL/PSYC 351; PSYC 211 and 220 (or 250 in lieu of 211 and 220) or BIOL 211 and MATH 250; or instructor permission</i>
PSYC 387	Neuropsychology (3) <i>PR: PSYC 103; PSYC 214 or BIOL/PSYC 351; PSYC 211 and 220 (or 250 in lieu of 211 and 220) or BIOL 211 and MATH 250; or instructor permission</i>
PSYC 389	Child Psychopathology (3) <i>PR: PSYC103, 221, 211, 220 (or 250 in lieu of 211 and 220)</i>
PSYC 392	Scientific Foundations of Clinical Psychology (3) <i>PR: PSYC 103, 221 (formerly 307), 211, 220 (or 250 in lieu of 211 and 220)</i>
PSYC 394	History and Systems of Psychology (3) <i>PR: PSYC 103, 211, 220 (or 250 in lieu of 211 and 220) and at least 12 additional credit hours in psychology</i>
PSYC 397	Internship Experience (3) <i>PR: This class is open to junior or senior psychology majors with an overall and major minimum GPA of 3.00. Students must have successfully completed the following courses before they are eligible to apply: PSYC 103, 213, 214, 215, 211 and 220 (or 250 in lieu of 211 and 220)</i>
PSYC 404	Teaching Mentorship (3) <i>PR: 103, 211, 220 (or 250 in lieu of 211 and 220) and open only to junior and senior PSYC majors with a minimum PSYC GPA of 3.00 or instructor permission</i>
PSYC 410	Special Topics in Psychology (1-4) <i>PR: PSYC 103; PSYC 211 and 220 (or 250 in lieu of 211 and 220); declared psychology major or instructor permission for non-majors. (No more than 6 credit hours in special topics may be applied to meet the requirements for the major.)</i>
PSYC 446	Special Topics in Neuroscience (3) <i>PR: Junior or senior standing and instructor permission</i>
PSYC 447	Seminar in Neuroscience (3) <i>PR: BIOL/PSYC 351/352; CO: BIOL/PSYC 448 or instructor permission. Students engaged in independent research or a bachelor's essay will be given priority for enrollment.</i>
PSYC 448	Bachelor's Essay in Neuroscience (6) <i>PR: BIOL/PSYC 351 and 352 and permission of both the student's major department and the neuroscience program director</i>
PSYC 497	Tutorial (formerly PSYC 399) (3) <i>PR: PSYC 103, 211 and 220 (or 250 in lieu of 211 and 220); junior or senior standing; tutor permission; and department chair permission</i>
PSYC 498	Independent Study (formerly PSYC 400) (1-3) <i>PR: PSYC 103, 211 and 220 (or 250 in lieu of 211 and 220); Open to junior and senior psychology majors with the permission of a faculty member as supervisor and of the department chair. Formal written application stating the nature of the project and presenting evidence of sufficient background knowledge for the enterprise must be submitted prior to registration. Open only to students having a GPA of at least 3.00 in psychology courses. (No more than 6 credit hours in independent study may be applied toward the major.)</i>
PSYC 499	Bachelor's Essay (6) <i>PR: PSYC 103, 211 and 220 (or 250 in lieu of 211 and 220); Open to psychology majors with an overall GPA of at least 3.40; senior standing, tutor permission and department chair approval. Formal written application stating the nature of the project and presenting evidence of sufficient background knowledge for the enterprise must be submitted prior to registration.</i>

**Note:** *Independent Study/Special Topic limitations: A maximum of 6 credit hours of PSYC 498 may apply to the major requirements; a maximum of 6 credit hours of PSYC 410 may apply to major requirements.*

**Math Requirement: Complete 7 credit hours.**

MATH 111	Pre-Calculus Mathematics (4) <i>PR: C- or better in MATH 101 or placement</i>
<b>OR</b>	
MATH 120	Introductory Calculus (4) <i>PR: C- or better in MATH 111 or placement</i>
<b>AND</b>	
MATH 250	Statistical Methods I (3) <i>PR: Either MATH 111, 120 or instructor permission</i>

**Note:** *Honors College mathematics courses will also fulfill the MATH 111 and 120 requirements as long as they are either calculus or have calculus as a pre-requisite. Higher-level calculus courses in Math may also be used to fulfill the calculus portion of the Psychology Math requirement.*

**Science Requirement: Select 8 credit hours of an introductory sequence or higher in biology, chemistry, or physics of which 2 credit hours must be earned in the accompanying laboratories:**

BIOL 101	Concepts and Applications in Biology I (4) <i>PR: None; CO: BIOL 101L</i>
BIOL 101L	Concepts and Applications in Biology I Lab (0) <i>CO: BIOL 101</i>

BIOL 102	Concepts and Applications in Biology II (4) <i>PR: BIOL 101 and 101 lab; CO: BIOL 102L</i>
BIOL 102L	Concepts and Applications in Biology II Lab (0) <i>CO: BIOL 102</i>
BIOL 111	Introduction to Cell and Molecular Biology (3) <i>PR: None; CO: BIOL 111L</i>
BIOL 111L	Introduction to Cell and Molecular Biology Lab (1) <i>CO: BIOL 111</i>
BIOL 112	Evolution, Form, and Function of Organisms (3) <i>PR: BIOL 111 and 111L; CO: BIOL 112L</i>
BIOL 112L	Evolution, Form, and Function of Organisms Lab (1) <i>CO: BIOL 112</i>
CHEM 101	General Chemistry (3) <i>PR: None; CO: CHEM 101L</i>
CHEM 101L	General Chemistry Lab (1) <i>CO: CHEM 101</i>
CHEM 102	Organic and Biological Chemistry (3) <i>PR: CHEM 101 and 101L; CO: CHEM 102L</i>
CHEM 102L	Organic and Biological Chemistry Lab (1) <i>CO: CHEM 102</i>
CHEM 111	Principles of Chemistry (3) <i>PR/CO: CHEM 111L; Unless students exempt MATH 111 (via diagnostic testing) or have completed this course as a pre-requisite, they are required to take MATH 111 as a co-requisite.</i>
CHEM 111L	Principles of Chemistry Lab (1) <i>CO: CHEM 111</i>
CHEM 112	Principles of Chemistry (3) <i>PR: CHEM 111 and 111L</i>
CHEM 112L	Principles of Chemistry Lab (1) <i>CO: CHEM 112</i>
PHYS 101	Introductory Physics I (3) <i>PR: None; CO: PHYS 101L</i>
PHYS 101L	Introductory Physics Lab (1) <i>CO: PHYS 101</i>
PHYS 102	Introductory Physics II (3) <i>PR: PHYS 101 or PHYS 111 or HONS 157; CO: PHYS 102L</i>
PHYS 102L	Introductory Physics Lab (1) <i>CO: PHYS 102</i>
PHYS 111	General Physics I (3) <i>CO: PHYS 111L; PR or CO: MATH 120 or equivalent or instructor permission</i>
PHYS 111L	General Physics I Lab (1) <i>CO: PHYS 111 or instructor permission</i>
PHYS 112	General Physics II (3) <i>PR: PHYS 111 and 111L; CO: PHYS 112L; PR or CO: MATH 220 or equivalent or instructor permission</i>
PHYS 112L	General Physics II Lab (1) <i>CO: PHYS 112 or instructor permission</i>

**Note:** The above listed 8 credit hour natural science sequences are at the introductory level. Higher level sequences (e.g. BIOL 201-202) taken at the College or transferred from another school may also satisfy this requirement.

## Public Health (B.A.) Major Requirements

Degree: Bachelor of Arts

Credit Hours: 50+

"PR" indicates a pre-requisite. "CO" indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult <http://registrar.cofc.edu/general-edu> for more information.

### Required Courses

BIOL 111	Introduction to Cell and Molecular Biology (3) <i>PR: None; CO: BIOL 111L</i>
BIOL 111L	Introduction to Cell and Molecular Biology Lab (1) <i>CO: BIOL 111</i>
BIOL 112	Evolution, Form, and Function of Organisms (3) <i>PR: BIOL 111 and 111L; CO: BIOL 112L</i>
BIOL 112L	Evolution, Form, and Function of Organisms Lab (1) <i>CO: BIOL 112</i>
COMM 336*	Addressing Problems in Context (cross-listed with PBHL 336) (3) <i>PR: COMM 104 or COMM 110; COMM 214 or COMM 215; or department chair permission.</i>
PBHL 215	Introduction to Public Health (cross-listed with HEAL 215) (3) <i>PR: None</i>
PBHL 230	Global Health (cross-listed with HEAL 230) (3) <i>PR: None</i>
PBHL 350	Epidemiology (cross-listed with HEAL 350) (3) <i>PR: PBHL 215</i>

**Note:** \*When section covers Health Communication

### Mathematics Requirement

MATH 104	Elementary Statistics (3) <i>PR: MATH 101 or placement</i>
<b>OR</b>	
MATH 250	Statistical Methods I (3) <i>PR: Either MATH 111, 120 or instructor permission</i>
<b>AND</b>	
MATH 103	Contemporary Math with Applications (3) <i>PR: MATH 101 or placement</i>

**OR**

MATH 111 Pre-Calculus Mathematics (4) *PR: C- or better in MATH 101 or placement*

**OR**

MATH 120 Introductory Calculus (4) *PR: C- or better in MATH 111 or placement*

**OR**

MATH 220 Calculus II (4) *PR: MATH 120 or HONS 115*

**Note:** *For higher level MATH courses that can count for this requirement, please consult with the Public Health, B.A. program director.*

**Complete at least 3 hours from the following:**

PBHL 405 Independent Study in Public Health (1-3; repeatable up to 6) *PR: Junior or senior standing; declared Public Health major; and instructor and program director permission*

**OR**

PBHL 495 Internship in Public Health (6) *PR: Junior or senior standing; declared Public Health major; and a 2.50 major GPA in Public Health*

**Select one of the following Research Methods courses:**

COMM 301 Communication Research Methods (3) *PR: COMM 104 or 110; COMM 214 or 215; MATH 104 or equivalent all with a grade of C- or better.*

HEAL 395 Biostatistics in the Health Sciences (3) *PR: MATH 104, HEAL 215*

PSYC 220 Research Methods (3) *PR: PSYC 103 and 211*

SOCY 271 Introduction to Social Research (3) *PR: SOCY 101 or HONS 167 or SOCY 102*

SOCY 272 Making Sense of Sociological Data (3) *PR: SOCY 101 or HONS 167 or SOCY 102*

**Select one of the following Health Policy courses:**

POLI 210 Introduction to Public Administration (3) *PR: None*

POLI 211 Introduction to Public Policy (3) *PR: None*

POLI 307 Environmental Policy (3) *PR: None*

POLI 309 Health Policy (3) *PR: None*

SOCY 345 Social Policy (3) *PR: SOCY 101 or HONS 167 or SOCY 102*

SOCY 358 Living in an Organizational World (3) *PR: SOCY 101 or HONS 167 or SOCY 102*

URST 310 Urban Planning (3) *PR: None*

**Select one of the following Environmental courses:**

ANTH 340 Medical Anthropology (3) *PR: ANTH 101 or ANTH 203 or instructor permission*

ENVT 200 Introduction to Environmental Studies (3) *PR: Sophomore standing.*

HIST 291 Disease, Medicine and History (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*

PSYC 329 Environmental Psychology (3) *PR: PSYC 103*

SOCY 340 Medical Sociology (3) *PR: SOCY 101 or HONS 167 or SOCY 102*

SOCY 344 Social Gerontology (3) *PR: SOCY 101 or HONS 167 or SOCY 102*

SOCY 346 Environmental Sociology (3) *PR: SOCY 101 or HONS 167 or SOCY 102*

**Select one of the following Ethics courses:**

COMM 315\* Ethical Communication (3) *PR: COMM 104 or COMM 110; COMM 214 or COMM 215; or department chair permission*

PHIL 155 Environmental Ethics (3) *PR: None*

PHIL 170 Biomedical Ethics (3) *PR: None*

PHIL 207 Ethics (3) *PR: None*

**Note:** *\*When section covers Health Ethics*

**Select one of the following Issues in Health:**

PSYC 221 Abnormal Psychology (3) *PR: PSYC 103*

PSYC 333 Health Psychology (3) *PR: PSYC 103*

COMM 310\* Message Design and Influence (3) *PR: COMM 104 or 110; COMM 214 or COMM 215; CSCI 112 or higher; or department chair permission. PR or CO: COMM 111*

COMM 336\* Addressing Problems in Context (3) *PR: COMM 104 or COMM 110; COMM 214 or COMM 215; or department chair permission.*



**Note:** \*Only if section topic is Health related topic

SOCY 336	Death and Dying (3) <i>PR: SOCY 101 or HONS 167 or SOCY 102</i>
HEAL 325	Health Promotion (3) <i>PR: HEAL 216 and junior standing; CO: HEAL 325L</i>
HEAL 325L	Field Experience in Health Promotion (1) <i>PR: HEAL 216, 257, 395; junior standing or instructor permission; CO: HEAL 325</i>

**Select at least 6 credit hours from:**

COMM 310*	Message Design and Influence (3) <i>PR: COMM 104 or 110; COMM 214 or COMM 215; CSCI 112 or higher; or department chair permission. PR or CO: COMM 111</i>
COMM 315*	Ethical Communication (3) <i>PR: COMM 104 or COMM 110; COMM 214 or COMM 215; or department chair permission</i>
HEAL 317	Sexual Behavior/Relationships (3) <i>PR: HEAL 217</i>
HEAL 320	Special Topics in Health (3) <i>PR: None</i>
HEAL 323	Women's Health Issues (3) <i>PR: None</i>
HEAL 325	Health Promotion (3) <i>PR: HEAL 216 and junior standing</i>
HEAL 325L	Field Experience in Health Promotion (1) <i>PR: HEAL 216, 257, 395; junior standing; CO: HEAL 325</i>
HEAL 333	Sports and Exercise Nutrition (3) <i>PR: BIOL 201</i>
HEAL 347	Emergency Preparedness and First Aid (4) <i>PR: Junior standing</i>
HEAL 495	Capstone Seminar (1) <i>PR or CO: HEAL 395, HEAL 460</i>
SOCY 335	Aging and the Family (3) <i>PR: SOCY 101 or HONS 167 or SOCY 102</i>
SOCY 341	Criminology (3) <i>PR: SOCY 101 or HONS 167 or SOCY 102</i>
SOCY 348	Sociology of Alcohol and Drugs (3) <i>PR: SOCY 101 or HONS 167 or SOCY 102</i>
SOCY 351	Urban Sociology (3) <i>PR: SOCY 101 or HONS 167 or SOCY 102</i>
SOCY 361	Child Welfare (3) <i>PR: SOCY 101 or HONS 167 or SOCY 102</i>

**Note:** \*When section covers Health related topic.

## Public Health (B.S.) Major Requirements

Degree: Bachelor of Science

Credit Hours: 58+

"PR" indicates a pre-requisite. "CO" indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult <http://registrar.cofc.edu/general-edu> for more information.

### Required Courses

BIOL 111	Introduction to Cell and Molecular Biology (3) <i>PR: None; CO: BIOL 111L</i>
BIOL 111L	Introduction to Cell and Molecular Biology Lab (1) <i>CO: BIOL 111</i>
<b>OR</b>	
HONS 151	Honors Biology I (3) <i>PR: None; CO: HONS 151L</i>
HONS 151L	Honors Biology I Lab (1) <i>CO: HONS 151</i>
BIOL 112	Evolution, Form, and Function of Organisms (3) <i>PR: BIOL 111 and 111L; CO: BIOL 112L</i>
BIOL 112L	Evolution, Form, and Function of Organisms Lab (1) <i>CO: BIOL 112L</i>
<b>OR</b>	
HONS 152	Honors Biology II (3) <i>PR: HONS 151 and 151L; CO: HONS 152L</i>
HONS 152L	Honors Biology II Lab (1) <i>CO: HONS 152</i>
BIOL 201	Human Physiology (4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L</i>
BIOL 202	Human Anatomy (4) <i>PR: BIOL 111 and 111L or HONS 151 and 151L and BIOL 112 and 112L or HONS 152 and 152L</i>
HEAL 215	Introduction to Public Health (cross-listed with PBHL 215) (3) <i>PR: None</i>
HEAL 216	Personal and Community Health (3) <i>PR: None</i>
HEAL 225	Consumer Health (3) <i>PR: None</i>
HEAL 230	Global Health (cross-listed with PBHL 230) (3) <i>PR: None</i>
HEAL 257	Principles of Nutrition (3) <i>PR: None</i>

HEAL 325	Health Promotion (3) <i>PR: HEAL 216, and junior standing; CO: HEAL 325L</i>
HEAL 325L	Field Experience in Health Promotion (1) <i>PR: HEAL 216, 257, 395; and junior standing or instructor permission; CO: HEAL 325</i>
HEAL 350	Epidemiology (cross-listed with PBHL 350) (3) <i>PR: HEAL 215</i>
HEAL 395	Biostatistics in Health Sciences (3) <i>PR: MATH 104 and HEAL 215</i>
HEAL 460	Public Health Administration (3) <i>PR: HEAL 325 and 325L or instructor permission</i>
HEAL 495	Capstone Seminar (1) <i>PR or CO: HEAL 395, HEAL 460</i>
PBHL 336	Health Communication (cross-listed with COMM 336*) (3) <i>PR: COMM 104 or COMM 110; COMM 214 or COMM 215; or department chair permission..</i>

**Note:** \*When section covers Health Communication

### Mathematics Requirement

MATH 104	Elementary Statistics (3) <i>PR: MATH 101 or placement</i>
<b>OR</b>	
MATH 250	Statistical Methods I (3) <i>PR: Either MATH 111, 120 or instructor permission</i>
<b>AND</b>	
MATH 103	Contemporary Math with Applications (3) <i>PR: MATH 101 or placement</i>
<b>OR</b>	
MATH 105	Calculus for Business and Social Sciences (3) <i>PR: MATH 101 or placement</i>
<b>OR</b>	
MATH 111	Pre-Calculus Mathematics (4) <i>PR: C- or better in MATH 101 or placement</i>
<b>OR</b>	
MATH 120	Introductory Calculus (4) <i>PR: C- or better in MATH 111 or placement</i>
<b>OR</b>	
MATH 220	Calculus II (4) <i>PR: MATH 120 or HONS 115</i>

**Note:** For higher level MATH courses that can count for this requirement, please consult with the Health and Human Performance Department.

### Complete at least 3 credit hours from the following:

HEAL 401	Independent Study in Health Education (1-3; repeatable up to 9) <i>PR: Instructor permission or department chair permission</i>
<b>OR</b>	
HEAL 403	Health Internship and Practicum (6) <i>PR: Senior standing; Declared B.S. in Public Health Major; Minimum 2.50 GPA; Application submitted at least one year before the semester in which the internship is taken and approval by health faculty. Submit application to program director.</i>

### Select one of the following Health Policy courses:

POLI 210	Introduction to Public Administration (3) <i>PR: None</i>
POLI 211	Introduction to Public Policy (3) <i>PR: None</i>
POLI 307	Environmental Policy (3) <i>PR: None</i>
POLI 308	Education Policy (3) <i>PR: None</i>
POLI 309	Health Policy (3) <i>PR: None</i>
SOCY 345	Social Policy (3) <i>PR: SOCY 101 or HONS 167 or SOCY 102</i>
SOCY 358	Living in an Organizational World (3) <i>PR: SOCY 101 or HONS 167 or SOCY 102</i>
URST 310	Urban Planning (3) <i>PR: None</i>
URST 320	Town and Country Planning (3) <i>PR: None</i>

### Select one of the following Environmental courses:

ANTH 340	Medical Anthropology (3) <i>PR: ANTH 101 or 203 or instructor permission</i>
ENVT 200	Introduction to Environmental Studies (3) <i>PR: Sophomore standing</i>
HIST 291	Disease, Medicine and History (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
SOCY 340	Medical Sociology (3) <i>PR: SOCY 101 or HONS 167 or SOCY 102</i>
SOCY 344	Social Gerontology (3) <i>PR: SOCY 101 or HONS 167 or SOCY 102</i>
SOCY 346	Environmental Sociology (3) <i>PR: SOCY 101 or HONS 167 or SOCY 102</i>
PSYC 329	Environmental Psychology (3) <i>PR: PSYC 103</i>

**Select one of the following Ethics courses:**

- COMM 315\* Ethical Communication (3) *PR: COMM 104 or COMM 110; COMM 214 or COMM 215; or department chair permission*
- PHIL 155 Environmental Ethics (3) *PR: None*
- PHIL 170 Biomedical Ethics (3) *PR: None*
- PHIL 207 Ethics (3) *PR: None*

**Note:** \*When section covers Health Ethics

## Religious Studies Major Requirements

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Degree: Bachelor of Arts

Credit Hours: 34

"PR" indicates a pre-requisite. "CO" indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult <http://registrar.cofc.edu/general-edu> for more information.

**Required Courses**

RELS 101 Approaches to Religion (3) *PR: None*

**OR**

RELS 105 World Religions (3) *PR: None*

**AND**

RELS 210 Theories in the Study of Religion (3) *PR: None*

**AND**

RELS 450 Senior Seminar in Religious Studies (3) *PR: RELS 210 and 9 credit hours in RELS*

**AND**

RELS 451 Capstone Colloquium (1) *PR: RELS 210, 450, junior or senior Religious Studies major, 12 credit hours in RELS; or instructor permission*

**One sacred text courses selected from the following:**

RELS 201 The Hebrew Bible: History & Interpretation (3) *PR: None*

RELS 202 The New Testament: History & Interpretation (3) *PR: None*

RELS 205 Sacred Texts of the East (3) *PR: None*

RELS 310\* Sacred Texts (3) *PR: Either 3 credit hours in RELS or instructor permission*

**Note:** \*RELS 310 cannot be used to satisfy both the Sacred Text course requirement and the two additional courses at the 300-level or above requirement.

**Select one course from each of the following groups (A, B and C):****Group A (choose one):**

RELS 223 Religions of the Near East (3) *PR: None*

RELS 225 The Jewish Tradition (3) *PR: None*

RELS 230 The Christian Tradition (3) *PR: None*

RELS 235 The Islamic Tradition (3) *PR: None*

**Group B (choose one):**

RELS 240 The Buddhist Tradition (3) *PR: None*

RELS 245 The Religions of India (3) *PR: None*

RELS 248 Religious Traditions of China and Japan (3) *PR: None*

**Group C (choose one):**

- RELS 250 Religion in America (3) *PR: None*  
 RELS 260 Native American Religions (3) *PR: None*  
 RELS 270 African-American Religions (3) *PR: None*

**Select one additional course at the 200-level or above:**

- RELS 201 The Hebrew Bible: History & Interpretation (3) *PR: None*  
 RELS 202 The New Testament: History & Interpretation (3) *PR: None*  
 RELS 205 Sacred Texts of the East (3) *PR: None*  
 RELS 220 Comparative Religious Ethics (3) *PR: None*  
 RELS 223 Religions of the Near East (3) *PR: None*  
 RELS 225 The Jewish Tradition (3) *PR: None*  
 RELS 230 The Christian Tradition (3) *PR: None*  
 RELS 235 The Islamic Tradition (3) *PR: None*  
 RELS 240 The Buddhist Tradition (3) *PR: None*  
 RELS 245 The Hindu Tradition (3) *PR: None*  
 RELS 248 Religious Traditions of China and Japan (3) *PR: None*  
 RELS 250 Religion in America (3) *PR: None*  
 RELS 255 Philosophy of Religion (3) *PR: None*  
 RELS 260 Native American Religions (3) *PR: None*  
 RELS 270 African-American Religions (3) *PR: None*  
 RELS 275 Religious Traditions and Scientific Inquiry (3) *PR: None*  
 RELS 280 Religion and Film (3) *PR: None*  
 RELS 285 Religion and Feminism (3) *PR: None*  
 RELS 298 Special Topics in Religious Studies (3) *PR: None*

**Select two additional courses at the 300-level or above:**

- RELS 301 Mysticism and Religious Experiences (3) *PR: Either 3 credit hours in RELS or instructor permission*  
 RELS 305 Topics in Indigenous Religions (3) *PR: Either 3 credit hours in RELS or instructor permission*  
 RELS 310 Sacred Texts (3) *PR: PR: Either 3 credit hours in RELS or instructor permission*  
 RELS 315 New Religious Movements (3) *PR: Either 3 credit hours in RELS or instructor permission*  
 RELS 335 Western Esotericism (3) *PR: Either 3 credit hours in RELS or instructor permission*  
 RELS 340 Advanced Topics in Asian Religions (3) *PR: Either 3 credit hours in RELS or instructor permission*  
 RELS 348 Asian Religions in America (3) *PR: Either 3 credit hours in RELS or instructor permission*  
 RELS 350 Phenomenology of Religion (3) *PR: Either 3 credit hours in RELS or instructor permission*  
 RELS 360 Myth, Ritual, and Symbol (3) *PR: Either 3 credit hours in RELS or instructor permission*  
 RELS 365 Religion and Psychology (3) *PR: Either 3 credit hours in RELS or instructor permission*  
 RELS 375 Topics in the History of Religions (3) *PR: Either 3 credit hours in RELS or instructor permission*  
 RELS 381 Religious Studies Internship (1-4) *PR: Either 3 credit hours in RELS or instructor permission*  
 RELS 399 Tutorial (3, Repeatable up to 12) *PR: Either 3 credit hours in RELS or instructor permission*  
 RELS 405 Advanced Studies in Religion (3) *PR: Either 9 credit hours in RELS or instructor permission*  
 RELS 499 Bachelor's Essay (6) *PR: Either 9 credit hours in RELS or instructor permission*

**Select one additional course in religious studies from any of the courses listed (RELS 100-level or higher)****Notes:**

- *With the approval of the department chair of religious studies, one course (200-level or above) in a related discipline may be substituted for one of the additional course requirements.*

# Secondary Education Cognate Major Requirements

Degree: Bachelor of Science

Credit Hours: 42+

"PR" indicates a pre-requisite. "CO" indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult <http://registrar.cofc.edu/general-edu> for more information.

Students interested in teacher certification in secondary education must complete a content major, additional coursework required for certification (if applicable), and the secondary education cognate major requirements. Content majors are available in biology (Bachelor of Science Teaching Option), chemistry (Bachelor of Arts), English (Bachelor of Arts), history (Bachelor of Arts, for certification in social studies), mathematics (Bachelor of Science teacher education track), physics (Bachelor of Arts), political science (Bachelor of Arts, for certification in social studies), and sociology (Bachelor of Science, for certification in social studies). Students must successfully complete all requirements for certification in secondary education.

When declaring teacher certification the Program of Study Management System (POSM), students must first select "Declare or Add a Major" and then "Secondary Education Cognate" from the major list. Once this selection is made, a second menu box will appear with a list of the associated majors. Select the major and follow the on-screen instructions.

## Required Courses

COMM 104 Public Speaking (3) PR: None

### Select two MATH courses at the 103-level or above totaling at least 6 credit hours:

MATH 103 Contemporary Math with Applications (3) PR: MATH 101 or placement  
 MATH 104 Introductory Statistics (3) PR: MATH 101 or placement  
 MATH 105 Calculus for Business and the Social Sciences (3) PR: MATH 101 or placement  
 MATH 111 Pre-Calculus Mathematics (4) PR: C- or better in MATH 101 or placement  
 MATH 120 Introductory Calculus (4) PR: C- or better in MATH 111 or placement  
 MATH 207 Discrete Structures I (3) PR: MATH 105, 111 or 120  
 MATH 220 Calculus II (4) PR: MATH 120 or HONS 115  
 MATH 250 Statistical Methods I (3) PR: Either MATH 111, 120 or instructor permission

**Note:** Some content majors have specific Math course requirements. Please see the applicable major requirements for more information. For higher level MATH courses that can count for this requirement, please consult with the Teacher Education Department.

EDFS 201\* Foundations of Education (3) PR: Sophomore standing.

**Note:** \*EDFS 201 is prerequisite to all other education courses with a grade of C or better.

EDFS 303\* Human Growth and the Educational Process (3) PR: None  
 EDFS 326\* Integrating Technology into Teaching (3) PR: None  
 EDFS 330\* Classroom and Behavior Management (3) PR: EDFS 201 and class rank of junior or above  
 EDFS 345 Introduction to the Education of Exceptional Children and Youth (3) PR: EDFS 303 or equivalent.  
 EDFS 455 Literacy and Assessment in the Content Areas (3) PR: None  
 EDFS 456 Teaching Strategies in the Content Areas (English, Math, Science, Social Studies) (3) PR: None

**Note:** \*Candidates who have received credit for PSYC 224 (previously listed as PSYC 311) prior to beginning a teacher education program should not take EDFS 303 (credit will not be awarded). Students must enroll in the Secondary sections for each of the courses marked with an asterisk. (See associate department chair to register for courses.) Each course requires a school-based field experience. Students will need a 3-hour block of time per week between the hours of 7 a.m. and 2 p.m. Monday through Friday, to complete each school-based experience.

## Clinical Practice Internship Requirement

EDFS 460\* Clinical Practice in the Content Area (12) PR: Admission to a teacher education program and completion of all education requirements.

**Note:** \*Students seeking recommendation for South Carolina certification in Secondary Education must complete the program of study above and meet the admission, retention, and exit requirements of the program and the School of Education, Health, and Human Performance. Recommendation to the South Carolina Department of Education for certification in South Carolina is contingent upon successful completion of Clinical Practice, and achievement of passing scores on the necessary Praxis II test(s) for recommendation. Students who do not take Clinical Practice may not earn a degree in Secondary Education and will not be recommended or certification. See your faculty advisor for additional information.

**Additional Coursework required beyond Content major (Chemistry, BA) for Chemistry Certification:**

PHYS 101 Introductory Physics I (3) *PR: None; CO: PHYS 101L*

PHYS 101L Introductory Physics Lab (1) *CO: PHYS 101*

**AND**

PHYS 102 Introductory Physics II (3) *PR: PHYS 101 or PHYS 111 or HONS 157; CO: PHYS 102L*

PHYS 102L Introductory Physics Lab (1) *CO: PHYS 102*

**OR**

PHYS 111 General Physics I (3) *PR/CO: MATH 120 or equivalent or permission of the instructor. CO: PHYS 111L*

PHYS 111L General Physics I Lab (1) *CO: PHYS 111 or instructor permission*

**AND**

PHYS 112 General Physics II (3) *PR: PHYS 111 or HONS 157. PR/CO: MATH 220 or equivalent or permission of the instructor. CO: PHYS 112L.*

PHYS 112L General Physics II Lab (1) *CO: PHYS 112 or instructor permission*

**Additional Coursework required beyond Content major (HIST, POLI, SOCY) for Social Studies Certification:**

HIST 103 World History before 1500 (3) *PR: None*

HIST 104 World History since 1500 (3) *PR: None*

HIST 201 United States to 1865 (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*

**OR**

HIST 202 United States Since 1865 (3) *PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <http://registrar.cofc.edu/general-edu>).*

ANTH 101 Introduction to Anthropology (3) *PR: None*

ECON 200 Principles of Microeconomics (3) *PR: None*

POLI 101 American Government (3) *PR: None*

POLI 104 World Regional Geography (3) *PR: None*

SOCY 101 Introduction to Sociology (3) *PR: None*

**Additional Coursework required beyond Content major (Physics, BA) for Physics Certification:**

BIOL 101 Concepts and Applications in Biology I (4) *PR: None; CO: BIOL 101L*

BIOL 101L Concepts and Applications in Biology I Lab (0) *CO: BIOL 101*

**OR**

BIOL 111 Introduction to Cell and Molecular Biology (3) *PR: None; CO: BIOL 111L*

BIOL 111L Introduction to Cell and Molecular Biology Lab (1) *CO: BIOL 111*

**Notes:**

- *You should apply for admission (this is NOT declaring your major) to the Teacher Education Program the semester you are enrolled in EDFS 201 Foundations of Education. Requirements for admission:*
  - *Minimum overall GPA of 2.50 and 60 earned semester hours.*
  - *Passing score on the 3 components of the PRAXIS I: Pre-Professional Skills Test (Reading, Writing, and Mathematics) as designated by the South Carolina Department of Education OR qualifying SAT or ACT scores.*
  - *Disposition forms from (a) a general education faculty member, (b) your EDFS 201 professor, and (c) someone who has observed you working with children.*
  - *If a student has transfer credit for a course that is equivalent to EDFS 201, they must meet with the Teacher Education department chair and complete 1 hour of work.*
  - *A grade of C or better in EDFS 201 Foundations of Education.*
- *Your admission process must be completed before beginning the professional program.*
- *You must complete a major in the content area and the cognate major to be forwarded to the State Department of Education for certification.*

# Sociology Major Requirements

Bachelor of Science

Credit Hours: 33

"PR" indicates a pre-requisite. "CO" indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult <http://registrar.cofc.edu/general-edu> for more information.

## Required Courses

SOCY 101 Introduction to Sociology (3) *PR: None*

**OR**

HONS 167 Introduction to Sociology (3) *PR: None*

**OR**

SOCY 102 Contemporary Social Issues (3) *PR: None*

SOCY 260\* Development of Social Thought (3) *PR: SOCY 101 or HONS 167 or SOCY 102*

SOCY 271\* Introduction to Social Research (3) *PR: SOCY 101 or HONS 167 or SOCY 102*

SOCY 272\* Making Sense of Sociological Data (3) *PR: SOCY 101 or HONS 167 or SOCY 102*

SOCY 390 Senior Seminar (3) *PR: SOCY 101 or HONS 167 or SOCY 102; SOCY 260, 271, 272 and 18 credit hours in the major or instructor permission*

**Note:** \*SOCY 260, 271 and 272 must be taken within the first 18 credit hours of the major.

**One course from each of the four areas of concentration in sociology: Social Psychology (330s), Social Problems (340's), Social Organization (350's), and Social Inequality (360's).**

### Social Psychology Concentration Area

SOCY 331 Society and the Individual (3) *PR: SOCY 101 or HONS 167 or SOCY 102*

SOCY 332 Collective Behavior (3) *PR: SOCY 101 or HONS 167 or SOCY 102*

SOCY 335 Aging and the Family (3) *PR: SOCY 101 or HONS 167 or SOCY 102*

SOCY 336 Death and Dying (3) *PR: SOCY 101 or HONS 167 or SOCY 102*

SOCY 337 Prejudice (3) *PR: SOCY 101 or HONS 167 or SOCY 102*

SOCY 339 Special Topics in Social Psychology (3) *PR: SOCY 101 or HONS 167 or SOCY 102*

### Social Problems Concentration Area

SOCY 340 Medical Sociology (3) *PR: SOCY 101 or HONS 167 or SOCY 102*

SOCY 341 Criminology (3) *PR: SOCY 101 or HONS 167 or SOCY 102*

SOCY 342 Juvenile Delinquency (3) *PR: SOCY 101 or HONS 167 or SOCY 102*

SOCY 344 Social Gerontology (3) *PR: SOCY 101 or HONS 167 or SOCY 102*

SOCY 345 Social Policy (3) *PR: SOCY 101 or HONS 167 or SOCY 102*

SOCY 346 Environmental Sociology (3) *PR: SOCY 101 or HONS 167 or SOCY 102*

SOCY 348 Sociology of Alcohol and Drugs (3) *PR: SOCY 101 or HONS 167 or SOCY 102*

SOCY 349 Special Topics in Social Problems (3) *PR: SOCY 101 or HONS 167 or SOCY 102*

### Social Organization Concentration Area

SOCY 351 Urban Sociology (3) *PR: SOCY 101 or HONS 167 or SOCY 102*

SOCY 352 Population and Society (3) *PR: SOCY 101 or HONS 167 or SOCY 102*

SOCY 355 Science Technology and Society (3) *PR: SOCY 101 or HONS 167 or SOCY 102*

SOCY 356 Sociological Perspectives on Religion (3) *PR: SOCY 101 or HONS 167 or SOCY 102*

SOCY 357 Political Sociology (3) *PR: SOCY 101 or HONS 167 or SOCY 102*

SOCY 358 Living in an Organizational World (3) *PR: SOCY 101 or HONS 167 or SOCY 102*

SOCY 359 Special Topics in Social Organization (3) *PR: SOCY 101 or HONS 167 or SOCY 102*

### Social Inequality Concentration Area

SOCY 360 Class, Power, and Privilege (3) *PR: SOCY 101 or HONS 167 or SOCY 102*

SOCY 361 Child Welfare (3) *PR: SOCY 101 or HONS 167 or SOCY 102*

SOCY 362 Social and Cultural Change (3) *PR: SOCY 101 or HONS 167 or SOCY 102*

SOCY 364 Gender and Society (3) *PR: SOCY 101 or HONS 167 or SOCY 102*

SOCY 365 Sociology of Music (3) *PR: SOCY 101 or HONS 167 or SOCY 102*

SOCY 366	Race and Ethnic Relations (3) <i>PR: SOCY 101 or HONS 167 or SOCY 102</i>
SOCY 369	Special Topics in Social Inequality (3) <i>PR: SOCY 101 or HONS 167 or SOCY 102</i>

**Elective requirement: Select two additional courses totaling six hours from SOCY 103-499, FYSM 162 or FYSM 163.**

SOCY 103*	Sociology of the Family (3) <i>PR: None</i>
SOCY 109*	Special Topics in Sociology (3) <i>PR: None</i>
FYSM 162*	First Year Seminar Topics Vary (3) <i>PR: None</i>
SOCY 331	Society and the Individual (3) <i>PR: SOCY 101 or HONS 167 or SOCY 102</i>
SOCY 332	Collective Behavior (3) <i>PR: SOCY 101 or HONS 167 or SOCY 102</i>
SOCY 335	Aging and the Family (3) <i>PR: SOCY 101 or HONS 167 or SOCY 102</i>
SOCY 336	Death and Dying (3) <i>PR: SOCY 101 or HONS 167 or SOCY 102</i>
SOCY 337	Prejudice (3) <i>PR: SOCY 101 or HONS 167 or SOCY 102</i>
SOCY 339	Special Topics in Social Psychology (3) <i>PR: SOCY 101 or HONS 167 or SOCY 102</i>
SOCY 340	Medical Sociology (3) <i>PR: SOCY 101 or HONS 167 or SOCY 102</i>
SOCY 341	Criminology (3) <i>PR: SOCY 101 or HONS 167 or SOCY 102</i>
SOCY 342	Juvenile Delinquency (3) <i>PR: SOCY 101 or HONS 167 or SOCY 102</i>
SOCY 344	Social Gerontology (3) <i>PR: SOCY 101 or HONS 167 or SOCY 102</i>
SOCY 345	Social Policy (3) <i>PR: SOCY 101 or HONS 167 or SOCY 102</i>
SOCY 346	Environmental Sociology (3) <i>PR: SOCY 101 or HONS 167 or SOCY 102</i>
SOCY 348	Sociology of Alcohol and Drugs (3) <i>PR: SOCY 101 or HONS 167 or SOCY 102</i>
SOCY 349	Special Topics in Social Problems (3) <i>PR: SOCY 101 or HONS 167 or SOCY 102</i>
SOCY 351	Urban Sociology (3) <i>PR: SOCY 101 or HONS 167 or SOCY 102</i>
SOCY 352	Population and Society (3) <i>PR: SOCY 101 or HONS 167 or SOCY 102</i>
SOCY 355	Science Technology and Society (3) <i>PR: SOCY 101 or HONS 167 or SOCY 102</i>
SOCY 356	Sociological Perspectives on Religion (3) <i>PR: SOCY 101 or HONS 167 or SOCY 102</i>
SOCY 357	Political Sociology (3) <i>PR: SOCY 101 or HONS 167 or SOCY 102</i>
SOCY 358	Living in an Organizational World (3) <i>PR: SOCY 101 or HONS 167 or SOCY 102</i>
SOCY 359	Special Topics in Social Organization (3) <i>PR: SOCY 101 or HONS 167 or SOCY 102</i>
SOCY 360	Class, Power, and Privilege (3) <i>PR: SOCY 101 or HONS 167 or SOCY 102</i>
SOCY 361	Child Welfare (3) <i>PR: SOCY 101 or HONS 167 or SOCY 102</i>
SOCY 362	Social and Cultural Change (3) <i>PR: SOCY 101 or HONS 167 or SOCY 102</i>
SOCY 364	Gender and Society (3) <i>PR: SOCY 101 or HONS 167 or SOCY 102</i>
SOCY 365	Sociology of Music (3) <i>PR: SOCY 101 or HONS 167 or SOCY 102</i>
SOCY 366	Race and Ethnic Relations (3) <i>PR: SOCY 101 or HONS 167 or SOCY 102</i>
SOCY 369	Special Topics in Social Inequality (3) <i>PR: SOCY 101 or HONS 167 or SOCY 102</i>
SOCY 381	Internship (1-6) <i>PR: SOCY 101 or HONS 167 or SOCY 102; junior standing; declared sociology majors only; B average in sociology and overall average of C+; 12 credit hours in sociology or instructor permission</i>
SOCY 382	Student Research Apprenticeship in Sociology (1-6) <i>PR: GPA of 3.00 in sociology, major or minor in sociology, and instructor permission. Other course pre-requisites may vary depending on the nature of the placement</i>
SOCY 383	Student Academic Apprenticeship in Sociology (1-6) <i>PR: GPA of 3.00 in sociology, major or minor in sociology, and instructor permission. Other course pre-requisites may vary depending on the nature of the placement</i>
SOCY 490	Independent Study (1-3) <i>PR: SOCY 101 or HONS 167 or SOCY 102; junior standing, overall SOCY GPA of at least 3.00, overall GPA of at least 2.50, and instructor permission</i>
SOCY 492	Advanced Field Experience (1-6) <i>PR: Instructor permission</i>
SOCY 499	Bachelor's Essay (6) <i>PR: SOCY 101 or HONS 167 or SOCY 102; a project proposal must be submitted in writing and approved by the department prior to registration for the course</i>

**Notes:**

- \*A maximum of 3 credit hours from SOCY 103, SOCY 109, and FYSM 162 can count toward the electives and GPA for the sociology major.
- Sociology majors are strongly encouraged to take MATH 104 or 250.
- Sociology majors are encouraged to include courses in anthropology, history, political science, international studies, philosophy, psychology, economics, statistics and computer programming in their program of study. Sociology majors may wish to pursue an interdisciplinary minor in African American studies; Crime, Law and Society; or Women's and Gender Studies.



### Sociology Teacher Education Program (Grades 9-12)

Students interested in teacher certification in social studies must complete the sociology major, the additional coursework required for social studies certification and the Secondary Education Cognate major requirements. See the School of Education, Health and Human Performance section of this catalog for a listing of the requirements for the additional certification coursework and the secondary education cognate major. Students should apply for acceptance to this program no later than the second semester of their sophomore year. Requirements for this include admission to and successful completion of the approved teacher education program. Students must successfully complete all requirements for certification in secondary education.

When declaring teacher certification in social studies through the Program of Study Management System (POSM), students must first select "Declare or Add a Major" and then "Secondary Education Cognate" from the major list. Once this selection is made, a second menu box will appear with a list of the associated majors. Select the sociology major and follow the on-screen instructions.

## Spanish Major Requirements

Degree: Bachelor of Arts

Credit Hours: 36+

"PR" indicates a pre-requisite. "CO" indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult <http://registrar.cofc.edu/general-edu> for more information.

### Required Courses

SPAN 275 Spanish Skills Review (3) PR: SPAN 202

SPAN 313 Spanish Composition (3) PR: SPAN 275

#### AND

SPAN 314\* Spanish Conversation (3) PR: SPAN 275

#### OR

SPAN 350 Intensive Conversation and Composition (6) PR: SPAN 275

SPAN 320 Introduction to the Study of Hispanic Literature (3) PR: SPAN 313 and one of the following: SPAN 312, 314, 328; or SPAN 350; or instructor permission

SPAN 333 Topics in Hispanic Cultures (3) PR: SPAN 313 and one of the following: 312, 314, 317, 328; or SPAN 350. Department chair permission required.

SPAN 344 Advanced Grammar and Lexicon (3) PR: SPAN 313 and one of the following: SPAN 312, 314, 328; or SPAN 350; or instructor permission

SPAN 381 Introduction to Spanish Linguistics (3) PR: SPAN 313 and one of the following: SPAN 312, 314, 328; or SPAN 350; or instructor permission

**Note: \*SPAN 328 Spanish Language Study Abroad or SPAN 312 Spanish as a Heritage Language may also be used to satisfy the Spanish 314 requirement.**

### Two courses selected from:

SPAN 361 Survey of Spanish Literature I (3) PR: SPAN 320 or instructor permission

SPAN 362 Survey of Spanish Literature II (3) PR: SPAN 320 or instructor permission

SPAN 371 Survey of Spanish-American Literature I (3) PR: SPAN 320 or instructor permission

SPAN 372 Survey of Spanish-American Literature II (3) PR: SPAN 320 or instructor permission

### Three courses totaling 9 credit hours at the 400-level including at least one course in literature and one in linguistics:

#### SPAN 400-level Literature (at least one):

SPAN 451 18th and 19th Century Spanish Literature (3) PR: SPAN 320 and an additional 300-level literature course (SPAN 361, 362, 371 or 372; 390 may also be an option if the topic is literature; or instructor permission)

SPAN 452 20th Century Spanish Literature (3) PR: SPAN 320 and an additional 300-level literature course (SPAN 361, 362, 371 or 372; 390 may also be an option if the topic is literature; or instructor permission)

SPAN 453 Don Quijote de la Mancha (3) PR: SPAN 320 and an additional 300-level literature course (SPAN 361, 362, 371 or 372; 390 may also be an option if the topic is literature; or instructor permission)

SPAN 454 Contemporary Spanish-American Poetry (3) PR: SPAN 320 and an additional 300-level literature course (SPAN 361, 362, 371 or 372; 390 may also be an option if the topic is literature; or instructor permission)

- SPAN 455 Contemporary Spanish-American Fiction (3) *PR: SPAN 320 and an additional 300-level literature course (SPAN 361, 362, 371 or 372; 390 may also be an option if the topic is literature; or instructor permission)*
- SPAN 456 Contemporary Spanish-American Theatre (3) *PR: SPAN 320 and an additional 300-level literature course (SPAN 361, 362, 371 or 372; 390 may also be an option if the topic is literature; or instructor permission)*
- SPAN 457 Early Colonial Spanish-American Texts (3) *PR: SPAN 320 and an additional 300-level literature course (SPAN 361, 362, 371 or 372; 390 may also be an option if the topic is literature; or instructor permission)*
- SPAN 458 Contemporary Hispanic-Caribbean Theatre (3) *PR: SPAN 320 and an additional 300-level literature course (SPAN 361, 362, 371 or 372; 390 may also be an option if the topic is literature; or instructor permission)*
- SPAN 459 Chicano/a Literature (3) *PR: SPAN 320 and an additional 300-level literature course (SPAN 361, 362, 371 or 372; 390 may also be an option if the topic is literature; or instructor permission)*
- SPAN 473 The Golden Age (3) *PR: SPAN 320 and an additional 300-level literature course (SPAN 361, 362, 371 or 372; 390 may also be an option if the topic is literature; or instructor permission)*
- SPAN 474 Contemporary Spanish Theatre (3) *PR: SPAN 320 and an additional 300-level literature course (SPAN 361, 362, 371 or 372; 390 may also be an option if the topic is literature; or instructor permission)*
- SPAN 475 Medieval Literature of the Iberian Peninsula (3) *PR: SPAN 320 and an additional 300-level literature course (SPAN 361, 362, 371 or 372; 390 may also be an option if the topic is literature; or instructor permission)*
- SPAN 490 Seminar: Special Topics in Hispanic Literature (3) *PR: SPAN 320 and an additional 300-level literature course (SPAN 361, 362, 371 or 372; 390 may also be an option if the topic is literature; or instructor permission)*
- SPAN 496 Directed Reading (1-3) *PR: SPAN 320 and an additional 300-level literature course (SPAN 361, 362, 371 or 372; 390 may also be an option if the topic is literature; or instructor permission)*

**SPAN 400-level Linguistics (at least one):**

- SPAN 443 Morphology and Syntax (3) *PR: SPAN 381 or instructor permission*
- SPAN 445 Spanish Phonetics and Phonology (3) *PR: SPAN 381 or instructor permission*
- SPAN 446 History of the Spanish Language (3) *PR: SPAN 381 or instructor permission*
- SPAN 447 Spanish Dialectology (3) *PR: SPAN 381 or instructor permission*
- SPAN 448 Spanish Sociolinguistics (3) *PR: SPAN 381 or instructor permission*
- SPAN 491 Special Topics in Language Studies (3) *PR: SPAN 381 or instructor permission*
- SPAN 498 Independent Study (1-3) *PR: The topic must be verified by the department chair as Linguistics, one 300-level Spanish class in Linguistics and instructor permission.*

**SPAN 400-level Electives:**

- SPAN 443 Morphology and Syntax (3) *PR: SPAN 381 or instructor permission*
- SPAN 445 Spanish Phonetics and Phonology (3) *PR: SPAN 381 or instructor permission*
- SPAN 446 History of the Spanish Language (3) *PR: SPAN 381 or instructor permission*
- SPAN 447 Spanish Dialectology (3) *PR: SPAN 381 or instructor permission*
- SPAN 448 Spanish Sociolinguistics (3) *PR: SPAN 381 or instructor permission*
- SPAN 451 18th and 19th Century Spanish Literature (3) *PR: SPAN 320 and an additional 300-level literature course (SPAN 361, 362, 371 or 372; 390 may also be an option if the topic is literature; or instructor permission)*
- SPAN 452 20th Century Spanish Literature (3) *PR: SPAN 320 and an additional 300-level literature course (SPAN 361, 362, 371 or 372; 390 may also be an option if the topic is literature; or instructor permission)*
- SPAN 453 Don Quijote de la Mancha (3) *PR: SPAN 320 and an additional 300-level literature course (SPAN 361, 362, 371 or 372; 390 may also be an option if the topic is literature; or instructor permission)*
- SPAN 454 Contemporary Spanish-American Poetry (3) *PR: SPAN 320 and an additional 300-level literature course (SPAN 361, 362, 371 or 372; 390 may also be an option if the topic is literature; or instructor permission)*
- SPAN 455 Contemporary Spanish-American Fiction (3) *PR: SPAN 320 and an additional 300-level literature course (SPAN 361, 362, 371 or 372; 390 may also be an option if the topic is literature; or instructor permission)*
- SPAN 456 Contemporary Spanish-American Theatre (3) *PR: SPAN 320 and an additional 300-level literature course (SPAN 361, 362, 371 or 372; 390 may also be an option if the topic is literature; or instructor permission)*

SPAN 457	Early Colonial Spanish-American Texts (3) <i>PR: SPAN 320 and an additional 300-level literature course (SPAN 361, 362, 371 or 372; 390 may also be an option if the topic is literature; or instructor permission)</i>
SPAN 458	Contemporary Hispanic-Caribbean Theatre (3) <i>PR: SPAN 320 and an additional 300-level literature course (SPAN 361, 362, 371 or 372; 390 may also be an option if the topic is literature; or instructor permission)</i>
SPAN 459	Chicano/a Literature (3) <i>PR: SPAN 320 and an additional 300-level literature course (SPAN 361, 362, 371 or 372; 390 may also be an option if the topic is literature; or instructor permission)</i>
SPAN 473	The Golden Age (3) <i>PR: SPAN 320 and an additional 300-level literature course (SPAN 361, 362, 371 or 372; 390 may also be an option if the topic is literature; or instructor permission)</i>
SPAN 474	Contemporary Spanish Theatre (3) <i>PR: SPAN 320 and an additional 300-level literature course (SPAN 361, 362, 371 or 372; 390 may also be an option if the topic is literature; or instructor permission)</i>
SPAN 475	Medieval Literature of the Iberian Peninsula (3) <i>PR: SPAN 320 and an additional 300-level literature course (SPAN 361, 362, 371 or 372; 390 may also be an option if the topic is literature; or instructor permission)</i>
SPAN 490	Seminar: Special Topics in Hispanic Literature (3) <i>PR: SPAN 320 and an additional 300-level literature course (SPAN 361, 362, 371 or 372; 390 may also be an option if the topic is literature; or instructor permission)</i>
SPAN 491	Special Topics in Language Studies (3) <i>PR: SPAN 381; or instructor permission</i>
SPAN 496	Directed Reading (1-3) <i>PR: SPAN 320 and an additional 300-level literature course (SPAN 361, 362, 371 or 372; 390 may also be an option if the topic is literature; or instructor permission)</i>
SPAN 498	Independent Study (1-3) <i>PR: One 300-level Spanish class and instructor permission.</i>
SPAN 499	Bachelor's Essay (6) <i>PR: One 400-level Spanish class in the field of study and instructor permission</i>

**Notes:**

- *Majors in Spanish are required to take a proficiency exam during their last year prior to graduation. Information about the nature of the exam and the schedule for each semester is available in the department and on its website.*

**Spanish Teacher Education Program (Grades PK-12)**

Students interested in teacher certification in foreign language must complete both the Spanish major and the Foreign Language Education major requirements. See the School of Education, Health and Human Performance section of this catalog for a listing of the required foreign language education major courses.

After declaration of a major in Spanish, students interested in teacher certification in foreign language must meet with the director of certification and clinical practice, School of Education, Health, and Human Performance, 843-953-5613. Students must take EDFS 201 during their sophomore year and apply for acceptance into this program no later than the second semester of their sophomore year. In addition to meeting with an assigned advisor in Spanish, candidates in all languages must meet with Dr. Shawn Morrison, 404 J.C. Long Building, morrisonsh@cofc.edu, for additional information as soon as possible. Requirements include:

- admission to and successful completion of the approved Teacher Education Program
- passing score on PRAXIS II World Language Test in Spanish
- a passing score on the Praxis II Principles of Learning and Teaching Test
- a rating of Advanced Low in Spanish on the official OPI test
- and the successful completion of the content major in Spanish, with its specific GPA requirements (see below).

In order to be admitted to the Clinical Internship (EDFS 460), candidates must have met the following requirements:

- Completion of all Spanish course requirements for the Spanish major in Education.
- 3.00 GPA in Spanish courses
- 3.00 GPA in EDFS courses
- 2.50 overall GPA

When declaring teacher certification in Spanish through the Program of Study Management System (POSM), students must first select "Declare or Add a Major" and then "Secondary Education Cognate" from the major list. Once this selection is made, a second menu box will appear with a list of the associated majors. Select the Spanish major and follow the on-screen instructions.

# Special Education Major Requirements

Degree: Bachelor of Science

Credit Hours: 69

"PR" indicates a pre-requisite. "CO" indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult <http://registrar.cofc.edu/general-edu> for more information.

## Required Courses

PSYC 103 Introduction to Psychology (3) *PR: None*

ANTH 101 Introduction to Anthropology (3) *PR: None*

**OR**

SOCY 101 Introduction to Sociology (3) *PR: None*

MATH 104 Elementary Statistics (3) *PR: MATH 101 or placement*

**OR**

MATH 250 Statistical Methods I (3) *PR: Either MATH 111, 120 or instructor permission*

## One additional MATH courses at the 103-level or above:

MATH 103 Contemporary Math with Applications (3) *PR: MATH 101 or placement*

MATH 105 Calculus for Business and the Social Sciences (3) *PR: MATH 101 or placement*

MATH 111 Pre-Calculus Mathematics (4) *PR: C- or better in MATH 101 or placement*

MATH 120 Introductory Calculus (4) *PR: C- or better in MATH 111 or placement*

**Note:** For higher level MATH courses that can count for this requirement, please consult with the Teacher Education Department.

EDFS 201\* Foundations of Education (3) *PR: Sophomore standing*

**Note:** \*EDFS 201 is prerequisite to all other education courses with a grade of C or better.

## Professional Program Semester 1

EDFS 303\* Human Growth and Educational Process (3) *PR: None*

**Note:** \*Candidates who have received credit for PSYC 224 (previously listed as PSYC 311) prior to beginning a teacher education program should not take EDFs 303 (credit will not be awarded).

EDFS 345 Introduction to Exceptional Children and Youth (3) *PR/CO: EDFs 303 or equivalent*

EDFS 326 Introduction to Educational Technology (3) *PR: None*

EDFS 411 Introduction to Curriculum and Instruction for Students with Disabilities (3) *PR/CO: EDFs 345*

## Professional Program Semester 2: Select a Strand in Emotional and Learning Disabilities (ED/LD) or Emotional and Mental Disabilities (ED/MD)

EDFS 351 Characteristics of Students with Emotional Disabilities (3) *PR: EDFs 345 (ED/LD Strand & ED/MD Strand)*

EDFS 352 Characteristics of Students with Learning Disabilities (3) *PR: EDFs 345 (ED/LD Strand)*

**OR**

EDFS 353 Characteristics of Students with Mental Disabilities (3) *PR: EDFs 345(ED/MD Strand)*

EDFS 437 Assessment of Students with Disabilities (3) *PR: EDFs 345 and EDFs 411*

EDFS 330 Classroom and Behavior Management (3) *PR: EDFs 201 and class rank of junior or above*

EDFS 350 Field Experience I in the Instruction of Students with Disabilities (3) *PR: EDFs 345 and EDFs 411*

## Professional Program Semester 3

EDFS 412 Social Competence Instruction for Students with Disabilities (3) *PR: EDFs 330*

EDFS 425 Teaching Reading and Language Arts to Students with Disabilities (3) *PR: EDFs 345 and EDFs 411*

EDFS 426 Language Development and Communication (3) *PR: EDFs 201 and EDFs 303*

EDFS 428 Procedures for Teaching Students with Disabilities (3) *PR: EDFs 345, EDFs 352, EDFs 411 (ED/LD Strand)*

**OR**

EDFS 422 Educational Procedures for Students with Mental Disabilities (3) *PR: EDFs 353(ED/MD Strand)*

EDFS 413 Field Experience II in the instruction of students with Disabilities (3) *PR: EDFs 345 and EDFs 411*

### Clinical Internship Requirements

EDFS 440\* Clinical Practice in Special Education (12) *PR: Admission to the Teacher Education program and completion of all education requirements.*

**Note:** \*EDFS 440: *Students seeking recommendation for South Carolina certification in emotional disabilities, learning disabilities, and/or mental disabilities must complete the program of study above and meet the admission, retention, and exit requirements of the program and the School of Education, Health, and Human Performance. Recommendation to the South Carolina Department of Education for certification in South Carolina is contingent upon successful completion of Clinical Practice, and nonviolent intervention training, and achievement of passing scores on the necessary Praxis II test(s) for recommendation. Students who do not take Clinical Practice may earn a degree in Special Education but will not be recommended for certification. See your faculty advisor for additional information.*

#### Notes:

- *Declare a major in education in using Program of Study Management in MyCharleston as soon as possible. You will be assigned a faculty advisor to work with you in planning your program.*
- *You should apply for admission (this is NOT declaring your major) to the Teacher Education Program the semester you are enrolled in EDFS 201 Foundations of Education. Requirements for admission:*
  - *Minimum overall GPA of 2.50 and 60 earned semester hours.*
  - *Passing score on the 3 components of the PRAXIS 1: Pre-Professional Skills Test (Reading, Writing, and Mathematics) as designated by the South Carolina Department of Education OR qualifying SAT or ACT scores.*
  - *Disposition forms from (a) a general education faculty member, (b) your EDFS 201 professor, and (c) someone who has observed you working with children.*
  - *If a student has transfer credit for a course that is equivalent to EDFS 201, they must meet with the Teacher Education department chair and complete 1 hour of work.*
  - *A grade of C or better in EDFS 201 Foundations of Education.*
- *Your admission process must be completed before beginning the professional program.*

## Studio Art Major Requirements

Degree: Bachelor of Arts

Credit Hours: 36

*"PR"* indicates a pre-requisite. *"CO"* indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult <http://registrar.cofc.edu/general-edu> for more information.

### Required Courses

ARTH 101 History of Art: Prehistoric through Medieval (3) *PR: None*  
 ARTH 102 History of Art: Renaissance Through Modern (3) *PR: None*  
 ARTS 418 Senior Thesis Exhibition (3) *PR: Senior standing; declared Studio Art major*

### Select 6 credit hours from the following:

ARTS 119 Drawing I (3) *PR: None*  
 ARTS 215 Photography I (3) *PR: ARTS 119*  
 ARTS 216 Painting I (3) *PR: ARTS 119*  
 ARTS 218 Printmaking I (3) *PR: ARTS 119*  
 ARTS 220 Sculpture I (3) *PR: None*

### Select one course from the following ARTH 300-499 courses:

ARTH 301 Studies in Ancient and Medieval Art (3) *PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission*  
 ARTH 303 Studies in Renaissance and Baroque Art (3) *PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission*  
 ARTH 306 Studies in Modern, Contemporary, and Film Arts (3) *PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission*  
 ARTH 308 Studies in Asian Art (3) *PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission*  
 ARTH 321 Hindu Myth and Image (3) *PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission*

ARTH 322	Indian Painting (3) <i>PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission</i>
ARTH 333	Traditional Design and Preservation in Charleston (3) <i>PR: None</i>
ARTH 335	History of American Architecture (3) <i>PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission</i>
ARTH 338	American Vernacular Architecture and Material Culture (3) <i>PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission</i>
ARTH 339	Historic Home Interiors (3) <i>PR: None</i>
ARTH 340	Selected Topics in Art History (3) <i>PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission</i>
ARTH 350	History of Early Christian and Byzantine Art (3) <i>PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission</i>
ARTH 355	History of Early Medieval and Romanesque Art (3) <i>PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission</i>
ARTH 360	History of Gothic Art (3) <i>PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission</i>
ARTH 362	History of Medieval Manuscript Illumination (3) <i>PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission</i>
ARTH 365	History of Northern Renaissance Painting (3) <i>PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission</i>
ARTH 370	History of Italian Early Renaissance Art (3) <i>PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission</i>
ARTH 375	History of Italian High and Late Renaissance Art (3) <i>PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission</i>
ARTH 381	Spanish Baroque Painting and Sculpture (3) <i>PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission</i>
ARTH 385	History of European Painting, 1700-1850 (3) <i>PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission</i>
ARTH 389	19th Century European Art (3) <i>PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission</i>
ARTH 390	20th Century European Art (3) <i>PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission</i>
ARTH 391	Contemporary Art (3) <i>PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission</i>
ARTH 392	The Camera and Visual Perception (3) <i>PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission</i>
ARTH 394	History of the 18th and 19th Century Architecture (3) <i>PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission</i>
ARTH 395	History of 20th Century Architecture (3) <i>PR: 6 credit hours in ARTH, or ARTH 299, or instructor permission</i>
ARTH 399	Tutorial: Art History (3, Repeatable up to 12) <i>PR: Open only to students enrolled in the Honors College; junior standing; permission of the tutor, tutorial committee and the department chair</i>
ARTH 410	Internship in Art History (1-6) <i>PR: None</i>
ARTH 415	Advanced Seminar in Art and Architectural History (3) <i>PR: ARTH 299, senior standing, or instructor permission</i>
ARTH 490	Independent Study in Art History (3) <i>PR: Student must be a junior or senior art history major with an overall GPA of at least 3.00 and an art history GPA of at least 3.30.</i>

**Select 18 credit hours of which 15 credit hours must be at the 300-level or above from the following:**

ARTS 119	Drawing I (3) <i>PR: None</i>
ARTS 215	Photography I (3) <i>PR: ARTS 119</i>
ARTS 216	Painting I (3) <i>PR: ARTS 119</i>
ARTS 218	Printmaking I (3) <i>PR: ARTS 119</i>
ARTS 220	Sculpture I (3) <i>PR: None</i>
ARTS 315	Photography II (3) <i>PR: ARTS 215</i>
ARTS 319	Drawing II (3) <i>PR: ARTS 119</i>
ARTS 322	Painting II (3) <i>PR: ARTS 216</i>
ARTS 323	Printmaking II (3) <i>PR: ARTS 218 or instructor permission</i>
ARTS 324	Sculpture II (3) <i>PR: ARTS 119 and 220 or instructor permission</i>
ARTS 325	Foundry (3) <i>PR: ARTS 324 or instructor permission</i>
ARTS 326	Drawing III (3) <i>PR: ARTS 319 or instructor permission</i>
ARTS 327	Advanced Photographic Techniques (3) <i>PR: ARTS 215 and ARTS 315 or instructor permission</i>
ARTS 328	Painting III (3) <i>PR: ARTS 322</i>
ARTS 329	Lithography (3) <i>PR: ARTS 218 or instructor permission</i>

ARTS 330	Sculpture III (3) <i>PR: ARTS 324 or instructor permission</i>
ARTS 331	Painting IV (3) <i>PR: ARTS 328</i>
ARTS 332	Advanced Printmaking (3) <i>ARTS 323 or ARTS 329 or instructor permission</i>
ARTS 333	Sculpture IV (3) <i>PR: ARTS 330 or instructor permission</i>
ARTS 334	Advanced Photography (3) <i>PR: ARTS 215, ARTS 315, or instructor permission</i>
ARTS 335	Selected Topics in Advanced Studio Practice (3) <i>PR: Varies according to topic. See department.</i>
ARTS 339	Drawing IV (3) <i>PR: ARTS 326 or instructor permission</i>
ARTS 410	Internship in Studio Art (3) <i>PR: Junior standing and above with permission of the faculty of the Studio Art Program.</i>
ARTS 430	Independent Study in Studio Art (3, repeatable) <i>PR: Students must be juniors or seniors and show demonstrated ability to carry out proposed project. An application for independent study must be submitted to the project advisor prior to the beginning of the term and must be approved by the department chair.</i>

## Theatre Major Requirements

Degree: Bachelor of Arts

Credit Hours: 37+

"PR" indicates a pre-requisite. "CO" indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult <http://registrar.cofc.edu/general-edu> for more information.

### Required Courses

THTR 209	Stagecraft I (3) <i>PR: None</i>
THTR 230	Fundamentals of Theatrical Design (3) <i>PR: Declared Theatre major or Dance major or instructor permission</i>
THTR 240	Costuming I: Introductory Studies (3) <i>PR: None</i>
THTR 276	Script Analysis (3) <i>PR: None</i>
THTR 277	Acting I: Basic Approach (3) <i>PR: None</i>
THTR 310	Theatre History and Literature to 1750 (3) <i>PR: Junior or senior status</i>
THTR 311	Theatre History and Literature after 1750 (3) <i>PR: Junior or senior status</i>

**Students may complete the General Theatre requirements or select a concentration from Performance (21 credit hours) or Costume Design and Technologies (21 credit hours) or Scenic/Lighting Design and Technologies (21 credit hours) or Theatre for Youth (21 credit hours) to complete the major.**

### General Theatre Required Courses

THTR 200	General Practicum (1) <i>PR: instructor permission</i>
<b>OR</b>	
THTR 201	Production Practicum (1) <i>PR: instructor permission</i>
<b>OR</b>	
THTR 202	Theatre Performance Practicum (1) <i>PR: instructor permission</i>
THTR 316	African American Theatre (3) <i>PR: Junior or senior status</i>
THTR 387	Contemporary Theatre (3) <i>PR: None</i>
THTR 270	Stage Management (3) <i>PR: THTR 209; PR or CO: THTR 276</i>
<b>OR</b>	
THTR 378	Principles of Directing for Theatre (3) <i>PR: THTR 209, THTR 240, THTR 276 and THTR 277</i>

**Select 6 credit hours of 300-level or higher THTR elective courses from the Theater 300-Level or 400-Level Electives List**

#### Theater 300-Level and 400-Level Electives List

THTR 315	Feminist Theatre (3) <i>PR: None</i>
THTR 318	History of Fashion and Manners (3) <i>PR: None</i>
THTR 323	Creating Scene and Song (3) <i>PR: THTR 277</i>
THTR 350	Selected Topics in Communication Production (3) <i>PR: None to various depending on topic</i>
THTR 355	Playwriting I (3) <i>PR or CO: THTR 276</i>

THTR 365	Musical Theatre Performance Workshop (3) <i>PR: THTR 276 and THTR 277</i>
THTR 380	Sound Design and Production for the Stage (3) <i>PR: THTR 209 or THTR 230, THTR 276, and THTR 201 or THTR 202</i>
THTR 388	Dramatic Theory and Criticism (3) <i>PR: None</i>
THTR 391	Stage Combat (3) <i>PR: THTR 375</i>
THTR 399	Tutorial (1-3, Repeatable up to 12) <i>PR: Junior status and instructor permission</i>
THTR 450	Internship in Theatre (3-6) <i>PR: Junior status; declared Theatre majors only; and instructor permission</i>
THTR 455	Playwriting II (3) <i>PR: THTR 355</i>
THTR 489	Seminar: Selected Topics in Theatre II (1-3) <i>PR: various depending on topic and instructor permission</i>
THTR 490	Independent Study (1-3) <i>PR: Open to junior or senior Theatre majors with an overall GPA of at least 2.75 and Theatre major GPA's of at least 3.30 with department permission</i>
THTR 499	Bachelor's Essay (6) <i>PR: Declared theatre major and department permission</i>

## Required courses for Performance Concentration

THTR 201	Production Practicum (1) <i>PR: instructor permission</i>
THTR 200*	General Practicum (1) <i>PR: instructor permission</i>
<b>OR</b>	
THTR 201*	Production Practicum (1) <i>PR: instructor permission</i>
<b>OR</b>	
THTR 202*	Theatre Performance Practicum (1) <i>PR: instructor permission</i>
THTR 360	Voice for the Theatre (3) <i>PR: THTR 376</i>
THTR 375	Movement for the Actor (3) <i>PR: THTR 376</i>
THTR 376	Acting II: Characterization (3) <i>PR: THTR 276 and THTR 277</i>
THTR 377	Acting III (3) <i>PR: THTR 360, THTR 375, and THTR 376</i>
THTR 378	Principles of Directing for Theatre (3) <i>PR: THTR 209, THTR 230, THTR 276 and THTR 277</i>

**NOTE:** \*Two credit hours from THTR 200, 201, or 202 are required to satisfy the Performance Concentration.

**Select 3 credit hours of 300-level or higher THTR elective courses from the Theater 300-Level or 400-Level Electives List**

## Required courses for Costume Design and Technologies Concentration

ARTH 101	History of Art: Prehistoric to Medieval (3) <i>PR: None</i>
<b>OR</b>	
ARTH 102	History of Art: Renaissance through Modern (3) <i>PR: None</i>
<b>OR</b>	
ARTH 104	Themes in the History of Art (3) <i>PR: None</i>
THTR 201	Production Practicum (1) <i>PR: instructor permission</i>
THTR 201	Production Practicum (1) <i>PR: instructor permission</i>
THTR 200	General Practicum (1) <i>PR: instructor permission</i>
<b>OR</b>	
THTR 202	Theatre Performance Practicum (1) <i>PR: instructor permission</i>
THTR 207	Drafting and Rendering for the Theatre (3) <i>PR: THTR 209 or THTR 240</i>
THTR 318	History of Fashion and Manner (3) <i>PR: None</i>
<b>OR</b>	
THTR 345	Advanced Makeup and Hair Design (3) <i>PR: THTR 230 and THTR 240 or THTR 277</i>
THTR 340	Costuming II: Pattern Drafting and Advanced Sewing Techniques (3) <i>PR: THTR 240</i>
THTR 440	Costume Design (3) <i>PR: THTR 207, THTR 240 and THTR 276</i>

**Select 5 credit hours of 300-level or higher THTR elective courses from the Theater 300-Level or 400-Level Electives List**

## Required courses for Scenic/Lighting Design and Technologies Concentration

ARTH 101	History of Art: Prehistoric to Medieval (3) <i>PR: None</i>
<b>OR</b>	
ARTH 102	History of Art: Renaissance through Modern (3) <i>PR: None</i>
<b>OR</b>	



ARTH 104	Themes in the History of Art (3) <i>PR: None</i>
THTR 201	Production Practicum (1) <i>PR: instructor permission</i>
THTR 201	Production Practicum (1) <i>PR: instructor permission</i>
THTR 200	General Practicum or THTR 202 Theatre Performance Practicum (1) <i>PR: instructor permission</i>
THTR 207	Drafting and Rendering for the Theatre (3) <i>PR: THTR 209 or THTR 240</i>
THTR 270	Stage Management (3) <i>PR: THTR 209, THTR 276, and either THTR 201 or 202</i>

**OR**

THTR 280	Scene Painting (3) <i>PR: THTR 209</i>
THTR 381	Theatre Graphics and Computer Aided Drafting (3) <i>PR: THTR 209 or instructor permission</i>
THTR 383	Scenic Design (3) <i>PR: THTR 209 and THTR 276</i>

Select 3 credit hours of 300-level or higher THTR elective courses from the Theater 300-Level or 400-Level Electives List

## Required courses for Theatre for Youth Concentration (Does not lead to K-12 teacher licensure)

EDFS 201	Foundations of Education (3) <i>PR: Sophomore status</i>
THTR 200	General Practicum (1) <i>PR: instructor permission</i>
THTR 200	General Practicum (1) <i>PR: instructor permission</i>
THTR 201	Production Practicum (1) <i>PR: instructor permission</i>
<b>OR</b>	
THTR 202	Theatre Performance Practicum (1) <i>PR: instructor permission</i>
THTR 221	Creative Drama I (3) <i>PR: None</i>
THTR 321	Children's Theatre (3) <i>PR: None</i>
THTR 322	Children's Theatre Repertory (3) <i>PR: THTR 277</i>
THTR 378	Principles of Directing for the Theatre (3) <i>PR: THTR 209, THTR 230, THTR 276 and THTR 277</i>
THTR 421	Creative Drama II (3) <i>PR: THTR 221; PR or CO: THTR 321</i>

## Urban Studies Major Requirements

Degree: Bachelor of Arts

Credit Hours: 41+

"PR" indicates a pre-requisite. "CO" indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult <http://registrar.cofc.edu/general-edu> for more information.

### Required Courses

URST 201*	Introduction to Urban Studies (3) <i>PR: None</i>
ECON 307	Urban Economics (3) <i>PR: Junior standing; ECON 200, 201, MATH 105 or 120 or instructor permission</i>
HIST 211	American Urban History (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
POLI 305	Urbanization and Urban Geography (3) <i>PR: None</i>
SOCY 351	Urban Sociology (3) <i>PR: SOCY 101 or HONS 167 or SOCY 102</i>
URST 400	Practicum (2) <i>PR: Instructor permission</i>

**Notes:** \*This should be one of the first courses taken in this major.

### Choose one course from the following:

DSCI 232	Business Statistics (3) <i>PR: MATH 104 or 250</i>
POLI 205	Doing Research in Politics (3) <i>PR: None</i>
PSYC 211	Psychological Statistics (3) <i>PR: PSYC 103</i>
SOCY 272	Making Sense of Sociological Data (3) <i>PR: SOCY 101 or HONS 167 or SOCY 102</i>

Select one of the following two concentration areas (Urban Policy and Social Problems or Urban Planning and Administration):

## Urban Policy and Social Problems Concentration

**Select three courses totaling 9 credit hours with no more than two from any one field from the following:**

HIST 307	History of the United States: Cold War America, 1945-present (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
PHIL 155	Environmental Ethics (3) <i>PR: None</i>
POLI 211	Introduction to Public Policy (3) <i>PR: None</i>
POLI 322	Urban Government and Politics (3) <i>PR: POLI 101 or instructor permission</i>
SOCY 102	Contemporary Social Issues (3) <i>PR: None</i>

**Select four courses totaling 12 credit hours from the following:**

ECON 304	Labor Economics (3) <i>PR: Junior standing; ECON 200, 201, MATH 105 or 120 or instructor permission. DSCI 232 is recommended.</i>
ECON 318	Macroeconomic Analysis (3) <i>PR: Junior standing; ECON 200, 201, MATH 120</i>
ECON 325	Economics for Development (3) <i>PR: Junior standing; ECON 200, 201, MATH 105 or 120 or instructor permission</i>
HIST 212	American Labor History (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 217	African American History Since 1865 (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 225	History of the South Since 1865 (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
POLI 210	Introduction to Public Administration (3) <i>PR: None</i>
POLI 306	Urban Policy (3) <i>PR: None</i>
POLI 327	Political Parties (3) <i>PR: POLI 101 or instructor permission</i>
PSYC 307	Abnormal Psychology (3) <i>PR: PSYC 103</i>
PSYC 310	Social Psychology (3) <i>PR: PSYC 103</i>
PSYC 321	Industrial Psychology (3) <i>PR: PSYC 103</i>
PSYC 329	Environmental Psychology (3) <i>PR: PSYC 103</i>
PSYC 334	Psychology of Stress (3) <i>PR: PSYC 103</i>
PSYC 358	Nonverbal Communication (formerly PSYC 340) (3) <i>PR: PSYC 103, 211, 220 (or 250 in lieu of 211 and 220) or instructor permission</i>
SOCY 331	Society and the Individual (3) <i>PR: SOCY 101 or HONS 167 or SOCY 102</i>
SOCY 332	Collective Behavior (3) <i>PR: SOCY 101 or HONS 167 or SOCY 102</i>
SOCY 341	Criminology (3) <i>PR: SOCY 101 or HONS 167 or SOCY 102</i>
SOCY 342	Juvenile Delinquency (3) <i>PR: SOCY 101 or HONS 167 or SOCY 102</i>
SOCY 344	Social Gerontology (3) <i>PR: SOCY 101 or HONS 167 or SOCY 102</i>
SOCY 358	Living in an Organizational World (3) <i>PR: SOCY 101 or HONS 167 or SOCY 102</i>
SOCY 362	Social and Culture Change (3) <i>PR: SOCY 101 or HONS 167 or SOCY 102</i>
SOCY 366	Race and Ethnic Relations (3) <i>PR: SOCY 102 or HONS 167 or SOCY 102</i>
URST 398	Special Topics in Humanities (3) <i>PR: None</i>
URST 399	Special Topics in Social Sciences (3) <i>PR: None</i>
URST 401	Independent Study (3) <i>PR: Instructor and faculty advisor permission is required before registration. A student may take no more than 6 credit hours of independent study.</i>
URST 499	Bachelor's Essay (6) <i>PR: A project proposal must be submitted in writing and approved by the faculty prior to registration for the course.</i>

## Urban Planning and Administration Concentration

**Select three courses totaling 9 credit hours from the following:**

ACCT 203	Financial Accounting (3) <i>PR: Sophomore standing</i>
HTMT 210	Principles and Practices in Hospitality and Tourism (3) <i>PR: None</i>
PHIL 155	Environmental Ethics (3) <i>PR: None</i>
POLI 210	Introduction to Public Administration (3) <i>PR: None</i>

URST 310 Urban Planning (3) *PR: None*

**OR**

URST 320 Town and Country Planning (3) *PR: None*

**Select four courses totaling 12 credit hours from the following:**

ACCT 204 Managerial Accounting (3) *PR: ACCT 203; sophomore standing*

ARTH 105 Introduction to Architecture (3) *PR: None*

ARTH 395 History of 20th Century Architecture (3) *PR: Instructor permission or 6 hours of ARTH or ARTH 299*

BIOL 204 Man and the Environment (3) *PR: None*

ECON 304 Labor and Economics (3) *PR: Junior standing; ECON 200, 201; MATH 105 or 120, or instructor permission. DSCI 232 is recommended.*

ECON 318 Macroeconomic Analysis (3) *PR: Junior standing; ECON 200, 201 and MATH 105 or 120*

HPCP 315 Urban Design Studio (3) *PR: URST 310 or instructor permission*

HPCP 299 Preservation Planning Studio (3) *PR: HPCP 199 or instructor permission*

MGMT 307 Human Resource Management (3) *PR: MGMT 301, junior standing*

POLI 211 Introduction to Public Policy (3) *PR: None*

POLI 307 Environmental Policy (3) *PR: None*

PSYC 329 Environmental Psychology (3) *PR: PSYC 103*

SOCY 352 Population and Society (3) *PR: SOCY 101 or HONS 167 or SOCY 102*

SOCY 358 Living in an Organizational World (3) *PR: SOCY 101 or HONS 167 or SOCY 102*

URST 398 Special Topics in Humanities (3) *PR: None*

URST 399 Special Topics in Social Sciences (3) *PR: None*

URST 401 Independent Study (3) *PR: Instructor and faculty advisor permission is required before registration. A student may take no more than 6 credit hours of independent study.*

URST 499 Bachelor's Essay (6) *PR: A project proposal must be submitted in writing and approved by the faculty prior to registration for the course.*

**Notes:**

- *Students should plan their courses of study with their faculty advisor to assure that pre-requisites are satisfied early enough in their program so as not to interfere with enrollment.*

## Women's and Gender Studies Major Requirements

Degree: Bachelor of Arts

Credit Hours: 33+

"PR" indicates a pre-requisite. "CO" indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult <http://registrar.cofc.edu/general-edu> for more information.

**Required Courses**

WGST 200\* Introduction to Women's and Gender Studies (3) *PR: None*

WGST 381\*\* Internship (3) *PR: None*

WGST 401 Capstone in Women's and Gender Studies (3) *PR: Only open to senior students declared in WGST major or minor*

**Note:** \*WGST 200 should be taken early in the major, preferable in the first three courses.

**Note:** \*\*No more than 6 credit hours for WGST 381 may be applied towards the major requirements.

**Select one course for each of the following four categories:**

**Political and Social Organization: Courses that emphasize the institutional structures that shape and define human societies.**

POLI 292 Topics in Gender, Theory and Law (3) *PR: None*

POLI 332 Women and Politics (3) *PR: None*

SOCY 364 Gender and Society (3) *PR: SOCY 101 or HONS 167 or SOCY 102*

SOCY 103 Sociology of the Family (3) *PR: None*

WGST 350 Gender and Violence (3) *PR: None*

WGST 120 Studies in Women's and Gender Studies (3) *PR: None*

WGST 320 Special Topics (3) *PR: None*

WGST 420 Seminar in Women's and Gender Studies (3-4) *PR: WGST 200; junior or senior standing*

**Historical and Global Perspectives: Courses that ask students to understand a world different from their own.**

CLAS 242	Images of Women in Classical Antiquity (3) <i>PR: None</i>
ENGL 353	African Women Writers (3) <i>PR: ENGL 110 or equivalent</i>
HIST 221	Women in the U.S. (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
HIST 252	Women in Europe (3) <i>PR: One course in pre-modern history and one course in modern history from the list of approved courses satisfying the general education history requirement (see <a href="http://registrar.cofc.edu/general-edu">http://registrar.cofc.edu/general-edu</a>).</i>
POLI 350	Comparative Gender Politics (3) <i>PR: None</i>
WGST 120	Studies in Women's and Gender Studies (3) <i>PR: None</i>
WGST 320	Special Topics (3) <i>PR: None</i>
WGST 420	Seminar in Women's and Gender Studies (3-4) <i>PR: WGST 200; junior or senior standing</i>

**Culture and Representation: Courses that examine expressive meaning-making and the construction of culture.**

ANTH 346	Anthropology of Gender (3) <i>PR: ANTH 101 or WGST 200 or instructor permission</i>
ENGL 336	Women Writers (3) <i>PR: ENGL 110 or equivalent</i>
PHIL 165	Philosophy and Feminism (3) <i>PR: None</i>
PHIL 275	Feminist Theory (3) <i>PR: None</i>
RELS 185	Women and Religion (3) <i>PR: None</i>
RELS 285	Religion and Feminism (3) <i>PR: None</i>
THTR 315	Feminist Theater (3) <i>PR: None</i>
WGST 120	Studies in Women's and Gender Studies (3) <i>PR: None</i>
WGST 320	Special Topics (3) <i>PR: None</i>
WGST 420	Seminar in Women's and Gender Studies (3-4) <i>PR: WGST 200; junior or senior standing</i>
WGST 356	Conservative Voices in Women's and Gender Studies (3) <i>PR: None</i>

**Mind and Body: Courses that focus on human society from the level of the individual.**

HEAL 217	Human Sexuality (3) <i>PR: None</i>
HEAL 317	Sexual Behavior and Relationships (3) <i>PR: None</i>
HEAL 323	Women's Health Issues (3) <i>PR: HEAL 217 or instructor permission</i>
PSYC 350	Psychology of Gender (3) <i>PR: PSYC 103</i>
SOCY 337	Prejudice (3) <i>PR: SOCY 101 or HONS 167 or SOCY 102</i>
WGST 120	Studies in Women's and Gender Studies (3) <i>PR: None</i>
WGST 320	Special Topics (3) <i>PR: None</i>
WGST 420	Seminar in Women's and Gender Studies (3-4) <i>PR: WGST 200; junior or senior standing</i>

Select an additional 12 credit hours from any of the category lists above.

**Notes:**

- No more than 6 credit hours for WGST 400 may be applied towards the major requirements.

# Minor Requirements

## List of Minors Offered:

African American Studies  
 African Studies  
 Anthropology  
 Archaeology  
 Art History  
 Arts Management  
 Asian Studies  
 Astronomy  
 Biology  
 Biomedical Physics  
 British Studies  
 Business Administration  
 Business Language Minor in French  
 Business Language Minor in Spanish  
 Chemistry  
 Classics  
 Coaching  
 Communication  
 Comparative Literature  
 Computational Thinking  
 Computer Information Systems  
 Computer Science  
 Creative Writing  
 Crime, Law, and Society  
 Dance  
 Data Science  
 Economics  
 English  
 Environmental Studies  
 European Studies  
 Film Studies  
 Finance  
 French and Francophone Studies  
 French Studies  
 Geography  
 Geology  
 German  
 German Studies  
 Global Logistics and Transportation  
 Global Trade  
 Greek  
 Health  
 Historic Preservation and Community Planning  
 History  
 Hospitality and Tourism Management  
 International Studies  
 Italian  
 Italian Studies  
 Japanese Studies  
 Jewish Studies  
 Latin American and Caribbean Studies  
 Latin  
 Leadership, Change, and Social Responsibility  
 Linguistics  
 Mathematics  
 Meteorology  
 Music  
 Neuroscience  
 Philosophy  
 Physics  
 Political Science  
 Pre-Actuarial Studies  
 Psychology  
 Real Estate  
 Religious Studies  
 Russian Studies  
 Sociology  
 Spanish  
 Studio Art  
 Theatre  
 Women's and Gender Studies

## African American Studies Minor

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Phone: 843.953.7738

### Conseula Francis, Director

As an interdisciplinary minor focused on the study of the African American experience, African American Studies aims to provide students an understanding of the history and culture of African Americans and to introduce students to the diversity of African American experiences in a variety of disciplines. Students who minor in African American Studies can acquire careers in the field as teachers, in community development, in social service agencies and in public administration. Students who minor in African American Studies also gain excellent preparation for graduate and professional school.

### Requirements

Credit Hours: 18

At least nine hours in the minor at the 200 level or above must be earned at the College of Charleston.

AAST 200	Introduction to African American Studies
ENGL 216	Introduction to African American Literature, <b>or</b>
ENGL 313	African American Literature
HIST 216	African American History to 1877
HIST 217	African American History, 1877 to Present

### Six hours selected from the following:

AAST 300	Special Topics
AAST 381	African American Studies Internship
AAST 400	Independent Study
ANTH 322	Peoples and Cultures of Africa
ANTH 323	African American Society and Culture
ANTH 327	Peoples and Cultures of the Caribbean
HIST 272	Pre-Colonial Africa
HIST 273	Modern Africa
HIST 320	Special Topics in Lowcountry History
HIST 420	Research Seminar in Lowcountry History
LANG 250	West African Literature in Translation
MUSC 222	Special Topics for Non-Majors
POLI 330	Southern Politics
POLI 342	Politics of Africa
POLI 266	International Diplomacy Studies
SOCY 366	Race and Ethnic Relations
THTR 316	African American Theater

### Special Topics

Department special topics and research seminar courses as appropriate, with the approval of the director.

## African Studies Minor

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Phone: 843.953.1920

### Simon Lewis, Director/Coordinator

### Requirements

Credit Hours: 18

At least nine hours in the minor at the 200 level or above must be earned at the College of Charleston.

### Core courses:

AFST 101	Introduction to African Civilization
HIST 272	Pre-Colonial Africa

**OR**

HIST 273 Modern Africa

**Twelve credit hours selected from the following:**

AFST 202 Special Topics in African Studies (3)  
 ANTH 322 Peoples and Cultures of Africa  
 ENGL 352 Major African Writers  
 ENGL 353 African Women Writers  
 FREN 451 African Literature of French Expression  
 LTXX XXX Any 200-level Literature in Translations survey course (i.e., LTPO, LTRS, LTFR, etc.) as long as the course contains more than one-third African content.  
 POLI 342 Politics of Africa  
 POLI 266 International Diplomacy Studies

Departmental special topics, tutorials, and independent study courses will also be offered as appropriate.

## Anthropology Minor

Credit Hours: 18

**Requirements:**

At least nine hours in the minor at the 200 level or above must be earned at the College of Charleston.

ANTH 101 Introduction to Anthropology

Any two 200-level courses in anthropology (HONS 168 Honors Introduction to Archaeology may be taken in lieu of ANTH 202 Archaeology)

Electives: nine additional credit hours in anthropology.

See course listings for a complete list of courses offered.

## Archaeology Minor

Phone: 843.953.5485

**James Newhard, Director/Coordinator**

At the College of Charleston, faculty from across four schools teach courses that expose students to the fundamentals and applications of archaeology. The minor program recognizes the completion of a course of study designed to highlight the interdisciplinary nature of a field that routinely integrates elements of the social sciences, humanities, arts, and natural sciences. This program serves as a means to unify and coordinate archaeological study at the College of Charleston and to provide a forum for intellectual contact between faculty and students.

**Requirements**

Credit Hours: 22-28

**Required courses (10)**

ANTH 202 Archaeology  
 CLAS 104 Introduction to Classical Archaeology  
 GEOL 101/101L Dynamic Earth w/lab (4) **or**  
 GEOL 103/103L Environmental Geology w/lab (4) **or**  
 HONS 155/155L Honors Geology I w/lab (4)

**Electives (9–10)**

Students will take one elective course from each of the following groups: social sciences; humanities and arts; and natural sciences.

**Social Sciences (3)**

ANTH 302 Archaeology of North America

- ANTH 303 Paleolithic Archaeology
- ANTH 304 Rise of Complex Civilization
- ANTH 305 Prehistoric Art and Ritual
- ANTH 309 Special Topics in Archaeology
- ANTH 318 Theories on the Origins of Agriculture
- ANTH 328 Aztecs, Maya, and Their Ancestors

**Arts and Humanities (3)**

- ARTH 220 History of Greek and Roman Art
- ARTH 290 Special Topics in Art History (when the subject substantially involves archaeological material)
- ARTH 205 Pre-Columbian Art and Culture
- ARTH 338 American Vernacular Architecture and Material Culture
- ARTH 340 Special Topics in Art History (when the subject substantially involves archaeological material)
- ARTH 350 History of Early Christian and Byzantine Art
- CLAS 121 Classical Greece (travel course)
- CLAS 122 Bronze Age Greece (travel course)
- CLAS 290 Special Topics in Classics (when the subject substantially involves archaeological material)
- CLAS 303 Topics in Classical Civilization (when the subject substantially involves archaeological material)
- HIST 230 Ancient Egypt and Mesopotamia
- HIST 270 Special Topics in Pre-Modern History (when the subject substantially involves archaeological material)
- HIST 320 Special Topics in Lowcountry History (when the subject substantially involves archaeological material)
- HIST 370 Special Topics in Pre-Modern History (when the subject substantially involves archaeological material)
- HPCP 199 Introduction to Historic Preservation
- HPCP 275 History of Land Design
- HPCP 375 Landscape Preservation and Design
- HPCP 420 Preservation Law and Economics

**Natural Sciences (3–4)**

- BIOL 332 Vertebrate Zoology
- BIOL 340 Zoogeography
- CHEM 583 Special Topics in Chemistry (when the subject substantially involves archaeological material)
- GEOL 272 Stratigraphy and Sedimentation
- GEOL 235 Geology and Civilization
- GEOL 275 Geomorphology
- GEOL 240 Special Topics in Geology (when the subject substantially involves archaeological material)
- GEOL 314 Introduction to Remote Sensing
- GEOL 449 Geographic Information Systems

**Capstone Experience: Fieldwork (3–8)**

A hands-on application of theory and methods through fieldwork or lab work forms the capstone experience.\*

- ANTH 493 Field School (8)

**or**

- CLAS 221 Field Methods in Classical Archaeology I **and**
- CLAS 222 Field Methods in Classical Archaeology II



or

ARCH 400 Archaeological Internship

*\*NOTE: Students may transfer 3 to 6 credit hours in fieldwork from another institution. This option accommodates students who have a particular interest in archaeological research outside the confines of opportunities available at the College of Charleston. Decisions upon acceptance of outside field experience will be determined by the program director.*

## Art History Minor

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Credit Hours: 18

### Minor Requirements:

A minimum of 18 hours in art history, with six hours at or above the 300 level. Students may select courses suited to individual needs. See course listings for a complete list of courses offered.

At least nine hours in the minor at the 200 level or above must be earned at the College of Charleston.

## Arts Management Minor

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Phone: 843.953.6301

### Scott Shanklin-Peterson, Director/Coordinator

An Arts Management minor prepares students to become art managers, members of arts organizations and work with artists. This minor is especially relevant to students majoring in an arts discipline who need to develop skills to manage their career or work with arts organizations. It is also relevant to Business School majors who have an interest in relating their business skills to the arts industry. The School of Humanities and Social Sciences majors (Communication, Political Science, and Psychology, etc.) are also often involved in careers that relate to arts management.

The courses emphasize management, organizational skills and arts disciplines relevant to the unique world of the visual and performing arts industry. Internships and participation in the School of the Arts and community arts organizations reinforce classroom experiences. Professional artists and art industry leaders augment the perspective of the courses.

### Minor Requirements for School of the Arts majors: 18 hours

At least nine hours in the minor at the 200 level or above must be earned at the College of Charleston.

#### Required: (15 hours)

ARTM 200 Introduction to Arts Management (Pre-req for ARTM 310)  
 ARTM 310 Advanced Arts Management (Pre-req for ARTM 350 and ARTM 400)  
 ARTM 350 Fund Raising and Grant Writing for the Arts  
 ARTM 400 Internship in Arts Management  
 BLAW 205 Legal Environment of Business

#### Select one course from the following: (3 hours)

ACCT 203 Financial Accounting  
 ECON 200 Principles of Microeconomics  
 ARTM 210 Introduction to the Music Industry  
 ARTM 240 Gallery Fundamentals

### Minor Requirements for School of Business majors: 18 hours

At least nine hours in the minor at the 200 level or above must be earned at the College of Charleston.

#### Required: (9 hours)

ARTM 200 Introduction to Arts Management (Pre-req for ARTM 310)  
 ARTM 310 Advanced Arts Management (Pre-req for ARTM 400)  
 ARTM 400 Internship in Arts Management

**Select one course from the following: (3 hours)**

ARTM 325 Creativity in the Arts  
PHIL 280 Aesthetics

**Select two courses from the following: (6 hours)**

SPOL 150 Music and the Arts in the Spoleto Festival USA  
(Maymester only)  
MUSC 131 Music Appreciation  
THTR 176 Introduction to Theatre  
ARTM 210 Introduction to the Music Industry  
ARTM 240 Gallery Fundamentals  
ARTH 101 History of Art: Prehistoric Through Medieval **or**  
ARTH 102 History of Art: Renaissance Through Modern  
**or**  
ARTH 103 History of Asian Art

**Minor Requirements for Majors from other Schools: 21 hours**

At least nine hours in the minor at the 200 level or above must be earned the College of Charleston

**Required: (9 hours)**

ARTM 200 Introduction to Arts Management (Pre-req for  
ARTM 310)  
ARTM 310 Advanced Arts Management (Pre-req for  
ARTM 350 and ARTM 400)  
ARTM 400 Internship in Arts Management

**Select one course from the following: (3 hours)**

ECON 200 Principles of Microeconomics  
ACCT 203 Financial Accounting  
BLAW 205 Legal Environment of Business

**Select one course from the following: (3 hours)**

ARTM 350 Marketing, Fundraising and Grant Writing for  
Nonprofit Arts Organizations  
ARTM 210 Introduction to the Music Industry  
ARTM 240 Gallery Fundamentals

**Select one course from the following: (3 hours)**

ARTM 325 Creativity in the Arts  
PHIL 280 Aesthetics

**Select one course from the following: (3 hours)**

SPOL 150 Music and the Arts in the Spoleto Festival USA  
(Maymester only)  
MUSC 131 Music Appreciation  
THTR 176 Introduction to Theatre  
ARTH 101 History of Art: Prehistoric Through Medieval **or**  
ARTH 102 History of Art: Renaissance Through Modern  
**or**  
ARTH 103 History of Asian Art

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## Asian Studies Minor

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Phone: 843.953.6313

**Mary Beth Heston, Director/Coordinator**

The Asian studies minor is an interdisciplinary program intended to introduce students to the diverse cultures and regions of Asia through the study of history, politics, languages and literature, visual arts, religion, and economics.

## Requirements

Credit Hours: 18

### Core courses

#### Choose one (3 hours):

- ASST 101 Introduction to Asian Studies **or**  
 ARTH 103 History of Asian Art **or**  
 ASST 105 Value and Tradition in Asian Civilization

#### Electives (15 hours from list below):

The elective courses must be chosen from at least three different disciplines and with no more than 12 hours in one geographic region (for example, South Asia, Southeast Asia, China or Japan). Language courses beyond the 200 level may count toward the minor. No more than 6 hours at the 100 level may be counted toward the minor.

- ARBC 313 Conversation and Composition I  
 ARBC 314 Conversation and Composition II  
 ARBC 343 Advanced Arabic Conversation and  
 on page 319 Composition  
 ARBC 420 Independent Study in Arabic Language  
 ARST 100 Introduction to Arab and Islam World Studies  
 ARST 240 Special Topics in Arabic Studies  
 ARST 273 Role of Qur'an in Contemporary Islam  
 ARST 340 Special Topics in Arabic Studies  
 ARST 420 Independent Study  
 ARTH 103 Survey of Asian Art  
 ARTH 241 Art of India  
 ARTH 242 Art of China  
 ARTH 243 Art of Japan  
 ARTH 321 Hindu Myth and Image  
 ARTH 322 Indian Painting  
 ASST 240 Special Topics in Asian Studies  
 ASST 340 Special Topics in Asian Studies  
 ASST 390 Independent Study in Asian Studies  
 CHNS 313 Conversation and Composition I  
 CHNS 314 Conversation and Composition II  
 CHNS 390 Special Topics in Chinese Literature  
 CHST 100 Chinese Civilization  
 CHST 240 Special Topics in Chinese Studies  
 CHST 270 Stories of Chinese Youth: Chinese Cinema  
 CHST 340 Special Topics in Chinese Studies  
 ENGL 234 Survey of Third World Masterpieces  
 ENGL 358 Colonial and Postcolonial British Literature  
 HIST 250 Special Topics in Comparative/ Transnational  
 History (as appropriate to Asian studies)  
 HIST 261 Special Topics in Modern Asia, Africa or Latin  
 America (as appropriate to Asian studies)  
 HIST 276 Medieval Islamic Civilization  
 HIST 282 China to 1800  
 HIST 283 Modern China  
 HIST 286 Japan to 1800  
 HIST 287 Modern Japan  
 HIST 350 Special Topics in Comparative/ Transnational  
 History (as appropriate to Asian studies)  
 HIST 361 Special Topics in Modern Asia, Africa or Latin  
 America (as appropriate to Asian studies)  
 HIST 461 Research Seminar in Modern Asia, Africa, or  
 Latin America (as appropriate to Asian studies)

JPNS 313	Conversation and Composition I
JPNS 314	Conversation and Composition II
JPNS 343	Advanced Japanese Conversation and Composition
JPNS 390	Special Topics
LTAR 220	Modern Arabic Fiction in Translation
LTAR 221	Islamic World Literature (in English Translation)
LTAR 250	Arabic Literature in (English) Translation
LTAR 270	Studies in Arab Cinema
LTAR 382	Arab Women Writers
LTCH 210	Traditional Chinese Literature in Translation
LTCH 220	Modern Chinese Literature in Translation
LTCH 250	Chinese Literature in Translation
LTJP 250	Japanese Literature in Translation
LTJP 350	Japanese Literature in Translation
LTJP 390	Special Topics in Japanese Literature in Translation
PHIL 234	Eastern Philosophy
POLI 343	Politics of East Asia
POLI 344	Politics of the Middle East
POLI 345	Politics of China
POLI 346	Politics of Southeast Asia
POLI 359	Special Topics in Comparative Politics (as appropriate to Asian studies)
RELS 205	Sacred Texts of the East
RELS 235	The Islamic Tradition
RELS 240	The Buddhist Tradition
RELS 245	Religions of India
RELS 248	Religions of China and Japan
RELS 340	Advanced Topics in Asian Religions
RELS 348	Asian Religions in America

## Astronomy Minor

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Credit Hours: 18

### Minor Requirements:

At least nine hours in the minor at the 200 level or above must be earned at the College of Charleston.

### Core courses:

ASTR 129/129L Astronomy I (with laboratory) and II (with laboratory) **or**  
and  
130/130L  
one year of Honors Astronomy **or**  
ASTR 206 Planetary Astronomy **and** ASTR 311 Stellar Astronomy

### Electives:

ASTR 205 Intelligent Life in the Universe  
ASTR 206 Planetary Astronomy†  
ASTR 210 Black Holes in the Universe  
ASTR 260 NASA Space Mission Design  
ASTR 260L NASA Space Mission Design Lab  
ASTR 460L NASA Space Mission Design Leadership Lab  
ASTR 311 Stellar Astronomy and Astrophysics†

ASTR 377	Experimental Astronomy
ASTR 410	Black Holes: Advanced Topics
ASTR 413	Astrophysics
GEOL 206	Planetary Geology
PHYS 101	Introductory Physics
PHYS 102	Introductory Physics
PHYS 111/111L	General Physics I (with laboratory)
PHYS 112/112L	General Physics II (with laboratory)
PHYS 298	Special Topics* (astronomy related topic)_
PHYS 301	Classical Mechanics
PHYS 340	Photonics
PHYS 390	Research*
PHYS 399	Tutorial*
PHYS 412	Special Topics*
PHYS 420	Senior Research*
PHYS 499	Bachelor's Essay*

\*Must involve astronomy and must be approved by the astronomy minor program director.

†If not used as a core course.

#### NOTES:

1. A maximum of three courses may be at the 100 level.
2. Students may not receive credit for both PHYS 101 and 111, for both PHYS 102 and 112, or for both ASTR 129/130 and Honors Astronomy.
3. Students must notify the astronomy minor program director prior to graduation to receive credit for the minor on their transcript.

## Biology Minor

Credit Hours: 23

### Minor Requirements:

At least nine (9) hours in the minor at the 200 level or above must be earned at the College of Charleston.

BIOL 111/111L	Introduction to Cell and Molecular Biology (with laboratory)
BIOL 112/112L	Evolution, Form, and Function of Organisms (with laboratory)
BIOL 211/211D	Biodiversity, Ecology, and Conservation Biology
BIOL 305	Genetics
MATH 250	Statistical Methods I (or equivalent course in statistics)

5 additional hours in biology, with at least three (3) hours at the 300 level or above.

See course listings for a complete list of courses offered.

## Biomedical Physics Minor

Credit Hours: 18

### Minor Requirements:

Students must take a minimum of 18 credit hours in physics and biology as listed below. At least 9 credit hours in the minor at the 200 level or above must be earned at the College of Charleston. A maximum of 3 credit hours of biology or chemistry courses at the 200-level and above may be counted toward the minor.

PHYS 102/102L	Introductory Physics II (with laboratory) <b>or</b>
PHYS	General Physics II (with laboratory) <b>or</b>

112/112L  
HONS 158/158L Honors Physics II (with laboratory)  
BIOL 112 Form and Function of Organisms with lab **or**  
HONS 152 Honors Biology II with lab  
PHYS 203 Physics & Medicine  
PHYS 296/ BIOL 396 Biophysical Modeling of Excitable Cells

**Additional 4 credits from the following electives:**

PHYS 270 Nanotechnology in Medicine  
PHYS 320 Introductory Electronics  
PHYS 390/ BIOL 397/ CHEM 481/482 Research **or**  
PHYS/BIOL/ CHEM 399 Tutorial (1-3 credits subject to approval by the minor coordinator and research advisor)  
PHYS 298 Special Topics (1-3 credits subject to approval by the minor coordinator)  
PHYS 412 Special Topics (1-3 credits subject to approval by the minor coordinator)  
CHEM 351 Biochemistry  
CHEM 354L Biochemistry Lab

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## British Studies Minor

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Phone: 843.953.5658 // [carenst@cofc.edu](mailto:carenst@cofc.edu)

**Tim Carens, Director**

The minor in British Studies is designed to provide an integrative study of British life and culture throughout the ages. Students will examine the impact of British institutions and customs on the American experience and will gain an understanding of how British identity has been constituted in its member nations, the European Union, and the global community. The program offers courses and experiences in the study of England, Wales, Scotland, Ireland, Northern Ireland, and those countries and territories formerly a part of the British Empire.

**Requirements**

Credit Hours: 18

**History, Politics, Economics and/or Sociology/Anthropology of the British Isles (6 credits)**

*Choose two three-credit courses from the following:*

HIST 357 Victorian Britain  
POLI 352 Geographies and Politics of the European Union

*Special Topics (if appropriate) in History, Politics, Economics, and/or Sociology/Anthropology; e.g.,*

ANTH 329 Special Topics: Geographic Areas  
HIST 370 Special Topics in Premodern History  
HIST 441 Research Seminar in Modern European History  
POLI 359 Special Topics in Comparative Politics

Bilateral Exchange Courses at Bath-Spa University College, Buckinghamshire New University, University of Lincoln, and University of Nottingham; USM British Studies Consortium Courses based at King's College, London

**Literature, Art, Architecture, Drama, and/or Music of the British Isles (6 credits)**

*Choose two three-credit courses from the following:*

ENGL 201/202 British Literature to/since 1800  
ENGL 302 Shakespeare

ENGL 304	Chaucer
ENGL 306	Milton
ENGL 314	The Sixteenth Century
ENGL 317	The Seventeenth Century
ENGL 318	The Eighteenth Century
ENGL 321	The Romantic Period
ENGL 323	The Victorian Period
ENGL 325	Modern British Literature
ENGL 327/328	British Novel I/II
ENGL 337	British Drama to 1642
ENGL 340	Restoration and Eighteenth-Century Drama

**Special Topics (if appropriate) in literature, art, architecture, drama, and/or music; e.g.:**

ARTH 290	Art and Theatre in London
ARTH 340	Art, Architecture, and Preservation in Britain/ Urbanism in Britain
ENGL 395	Quest for Arthur's Britain
MUSC 222	Special Topics for Non-Majors
MUSC 444	Seminar: Selected Topics in Music History
THTR 289	Art and Theatre in London

Bilateral Exchange Courses at Bath-Spa University College, Buckinghamshire New University, University of Lincoln, and University of Nottingham; USM British Studies Consortium Courses based at King's College, London

**British Empire (3 credits)**

*Choose one three-credit course from the following:*

ARTH 241	History of the Art of India
ENGL 342	Literature of the American Revolution and Early Republic
ENGL 358	Colonial and Postcolonial British Literature
HIST 273	Modern Africa
HIST 301	Colonial America
HIST 302	Era of the American Revolution
POLI 359	Special Topics in Comparative Politics (if appropriate)
POLI 367	Geography of International Conflict
POLI 379	Special Topics in International Relations (if appropriate)

Special Topics (if relevant to British Empire/Dominions); e.g., HIST 361 Gandhi; Bilateral Exchange Courses at Bath-Spa University College, Buckinghamshire New University, University of Lincoln, and University of Nottingham; USM British Studies Consortium Courses based at King's College, London

**Integrative Capstone (3 credits)**

*Choose one of the following options:*

BRST 400	Capstone in British Studies
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**Bachelor's Essay/Senior Paper/Independent Study**

By director's permission, may also include relevant and equivalent Bilateral Exchange Courses at Bath-Spa University College, Buckinghamshire New University, University of Lincoln, and University of Nottingham; USM British Studies Consortium Courses based at King's College, London.

## Business Administration Minor

Credit Hours: 24

### **Minor Requirements:**

ACCT 203 Financial Accounting  
ECON 201 Macroeconomics

Electives: Eighteen credit hours selected from courses in the School of Business at the 300 or 400 level; no more than six credit hours selected from 200, 300, and 400 level accounting or economics courses.

*NOTES: 100-level courses, special topics courses, and independent study courses will not count toward the required 24 hours for the minor in business administration. A maximum of three credit hours of business travel/study courses listed in the catalog may be used for the minor in business administration.*

## **Business Language Minor in French**

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Credit Hours: 18 (above 202 or 250)

### **Minor Requirements:**

#### **Required Courses:**

FREN 314 French Conversation and Composition  
FREN 380 Le Concept de Marketing  
FREN 381 French for World Business  
FREN 491 Topics in Contemporary French and Francophone Culture **OR**  
FREN 495 Capstone Seminar\*

\*With focus on business and commerce

#### **One course selected from the following:**

FREN 320 Survey of Francophone Literature  
FREN 326 Survey of Francophone Civilization

#### **One course selected from the following:**

FREN 321 Survey of French Literature  
FREN 327 Survey of French Civilization

## **Business Language Minor in Spanish**

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Credit Hours: 18 (above 202 or 250)

### **Minor Requirements:**

#### **Requirements:**

SPAN 275 Spanish Skills Review  
SPAN 317 Introduction to Spanish for Business  
SPAN 318 Spanish for International Business  
SPAN 333\* Topics in Hispanic Cultures  
SPAN 418 Advanced Spanish for Business Communication

#### **One course selected from:**

SPAN 313 Spanish Composition  
SPAN 328 Spanish Language Study Abroad

NOTE:

\* The SPAN 333 course in question must cover a contemporary topic as confirmed with the Chair of Hispanic Studies.

## **Chemistry Minor**

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Credit Hours: 23



**Minor Requirements:**

At least nine credit hours in the minor at the 200 level or above must be earned at the College of Charleston.

15 hours beyond CHEM 112/112L are required.

CHEM 221/221L Quantitative Analysis (with laboratory)

CHEM 231/231L, 232/232L Organic Chemistry (with laboratory) **or**

CHEM 341/341L, 342/342L Physical Chemistry (with laboratory)

Electives: three credit hours at the 300 level or above

**OR**

7 credit hours beyond CHEM 294/294L are required.

CHEM 221/221L Quantitative Analysis (with laboratory)

Electives: three credit hours at the 300 level or above

## Classics Minor

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Credit Hours: 18

**Minor Requirements:**

Courses must be chosen from at least two different disciplines (GREK or LATN, CLAS, HIST, PHIL, ARTH, etc.).

**One course (3 credit hours) selected from:**

CLAS 101 Greek Civilization **or**

HIST 231 Ancient Greece

**One course (3 credit hours) selected from:**

CLAS 102 Roman Civilization **or**

HIST 232 Ancient Rome

An additional 12 credit hours, with no more than 6 credit hours at the 100-level, from the list of approved Classics courses.

## Coaching Minor

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Credit Hours: 19

**Minor Requirements:**

The coaching minor is designed to provide students with a basic understanding of coaching at all levels: youth, elementary, high school, college and professional. This minor is designed to assist coaches in developing effective organizational, motivational and teaching strategies to guide successful programs.

**The minor must include 13 credit hours from the following:**

ATEP 245 Athletic Injury Prevention and Management and Lab

PEHD 222 Analysis and Conduct of Lifetime Activities **or**

PEHD 223 Analysis and Conduct of Team Sports

PEHD 235 Motor Development and Learning

PEHD 342 Techniques and Strategies of Coaching

**An additional six credit hours must be chosen from the following:**

EXSC 210 Concepts and Fitness Assessment and Exercise Prescription

PEHD 222 Analysis and Conduct of Lifetime Activities **or**

PEHD 223 Analysis and Conduct of Team Sports (3)  
(*whichever one was not completed as part of*)

*the core)*

PEHD 250	Dance and Rhythms
PEHD 355	Sport Psychology
EXSC 438	Advanced Topics in Resistance Training and Conditioning
HEAL 257	Principles of Nutrition
HEAL 333	Sports and Exercise Nutrition
HEAL 347	Emergency Preparedness and First Aid
PEHD/HEAL 320	Special Topics
PEHD/HEAL 403	Internship and Practicum

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## Communication Minor

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Credit Hours: 18-21

### Minor Requirements:

Students in the communication minor must complete a minimum of six credit hours in 300- or 400-level communication courses. At least nine credit hours in the minor at the 200 level or above must be earned at the College of Charleston.

Topics vary in course sections for COMM 310, 315, 336 and 410. Please see the semester course schedule or the department Web site for course topics in a specific semester.

A grade of "C-" or better must be earned in any course used to fulfill a major or minor requirement in the Department of Communication.

### Speaking Requirement (3-6 credit hours)

COMM 104	Public Speaking <b>or</b>
COMM 110/111	Introduction to Communication Messages (6)

### Required Core Courses (8 credit hours)

COMM 214	Media in the Digital Age (4)
COMM 215	Communication, Identity and Community (4)

### Elective Courses (6 or more credit hours)

COMM 301	Communication Research Methods
COMM 310	Message Design and Influence
COMM 315	Ethical Communication
COMM 336	Addressing Problems in Context
COMM 389	Public Opinion in American Politics
COMM 394	Political Campaign Communication
COMM 395	American Politics and Mass Media
COMM 410	Analysis of Communication Practice (4)
COMM 495	Field Internship (1-3)

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## Comparative Literature Minor

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Phone: 843.953.6715

### Martine Cuvillier-Hiers, Director/Coordinator

This interdisciplinary minor analyzes literature from different time periods, across national and linguistic boundaries and focuses on aspects of literature that a national approach might ignore or not be equipped to treat properly. Examining literature within an international context constitutes an important dimension to the study of literature.

## Requirements

Credit Hours: 19

### Core courses:

CPLT 200 Introduction to Comparative Literature  
CPLT 400 Capstone

### Two courses selected from the following\*:

CPLT 390 Special Topics in Comparative Literature  
ENGL 226 Survey of World Literature  
ENGL 233 Survey of Non-Western Twentieth-Century Literature

### OR

ENGL 234 Survey of Third World Masterpieces  
ENGL 319 Studies in Literary Theory  
LTFR 250 Francophone Literature in Translation  
LTSP 252 Contemporary Latin American Literature in Translation

*\*Either ENGL 233 or ENGL 234 count toward meeting the requirements of this section of the minor, but not both.*

### Three additional courses from at least two different departments, selected from the following list.

*(Please note: a maximum of one film course may be applied to the minor; some special topics courses not in the list below may also count toward the minor, if approved by the program director.)*

#### Arabic

LTAR 250 Arabic Literature in (English) Translation  
LTAR 350 Arabic Literature in (English) Translation

#### Chinese

LTCH 250 Chinese Literature in (English) Translation  
LTCH 350 Chinese Literature in (English) Translation

#### Classics

CLAS 103 Classical Mythology  
CLAS 253 Ancient Epic  
CLAS 254 Classical Drama: Tragedy  
CLAS 255 Classical Drama: Comedy  
CLAS 256 Ancient Satire  
CLAS 270 The Romans in Cinema  
CLAS 301 Topics in Ancient Greek Literature  
CLAS 302 Topics in Latin Literature

#### English

ENGL 201 British Literature to 1800  
ENGL 202 British Literature since 1800  
ENGL 203 Survey of European Literature I  
ENGL 204 Survey of European Literature II  
ENGL 207 American Literature to the Present  
ENGL 212 The Cinema: History and Criticism  
ENGL 216 Introduction to African American Literature  
ENGL 233 Survey of Non-Western Twentieth-Century Literature  
ENGL 234 Survey of Third World Masterpieces  
ENGL 290 Special Topics  
ENGL 299 Introduction to English Studies  
ENGL 313 African American Literature  
ENGL 314 The Sixteenth Century  
ENGL 317 The Seventeenth Century

ENGL 318	The Eighteenth Century
ENGL 320	Young Adult Literature
ENGL 321	The Romantic Period
ENGL 323	The Victorian Period
ENGL 325	Modern British Literature
ENGL 326	Irish Literature
ENGL 327	The British Novel I
ENGL 328	The British Novel II
ENGL 335	Modern Poetry
ENGL 336	Women Writers
ENGL 337	British Drama to 1642
ENGL 340	Restoration and 18th-Century Drama
ENGL 341	Literature of the American South, 1900-Present
ENGL 342	Literature of the American Revolution and Early Republic
ENGL 343	American Renaissance: 1830–1870
ENGL 346	Contemporary American Fiction
ENGL 349	American Novel to 1900
ENGL 350	Major Authors
ENGL 351	Studies in American Film
ENGL 352	Major African Writers
ENGL 353	African Women Writers
ENGL 356	American Novel: 1900–1965
ENGL 357	Studies in Contemporary British Literature
ENGL 358	Colonial and Postcolonial British Literature
ENGL 359	American Poetry Since 1945
ENGL 360	Major Literary Themes
ENGL 370	Major Literary Genres
ENGL 390	Studies in Film
ENGL 395	Special Topics

*French*

LTFR 150	French Literature in (English) Translation
LTFR 250	Francophone Literature in Translation
FREN 320	Survey of Francophone Literature
FREN 321	Survey of French Literature
FREN 326	Survey of Francophone Civilization
FREN 327	Survey of French Civilization
FREN 370	Studies in French Film and Literature
FREN 431	The Middle Ages and Renaissance in France
FREN 432	The 17th Century
FREN 434	The 18th Century
FREN 435	Literature of the 19th Century I
FREN 437	Twentieth-Century French Literature
FREN 443	The Novel in France
FREN 451	African Literature of French Expression
FREN 452	Literature of the Maghreb
FREN 482	French and Francophone Women Writers

*German*

LTGR 250	German Literature in (English) Translation
LTGR 270	Studies in German Film
GRMN 365	Introduction to German Literature
GRMN 460	German Literary Heritage
GRMN 468	Studies in Modern German Literature
GRMN 472	Studies in German Cinema

*Greek*

- GREK 371 Readings in Greek Literature: Poetry  
 GREK 372 Readings in Greek Literature: Prose  
 GREK 390 Special Topics  
 GREK 490 Seminar: Special Topics in Ancient Greek

*Hebrew*

- LTHB 250 Hebrew Literature in (English) Translation

*Italian*

- LTIT 250 Italian Literature in (English) Translation  
 LTIT 350 Italian Literature in (English) Translation  
 ITAL 361 Survey of Italian Literature I  
 ITAL 362 Survey of Italian Literature II  
 ITAL 370 Studies in Italian Film and Literature  
 LTIT 450 Italian Literature in English Translation  
 ITAL 452 20th-Century Italian Literature

*Japanese*

- LTJP 250 Japanese Literature in (English) Translation  
 LTJP 350 Japanese Literature in (English) Translation  
 LTJP 450 Japanese Literature in (English) Translation

*Latin*

- LATN 301 Introduction to Latin Literature  
 LATN 305 Medieval Latin  
 LATN 323 Roman Historiography  
 LATN 371 Roman Comedy  
 LATN 372 Roman Satire  
 LATN 373 Roman Biography  
 LATN 390 Special Topics in Latin  
 LATN 490 Special Topics in Latin

*Music*

- MUSC 337 Opera Literature

*Portuguese*

- LTPO 250 Portuguese Literature in (English) Translation  
 LTPO 350 Portuguese Literature in (English) Translation  
 LTPO 450 Portuguese Literature in (English) Translation

*Religion*

- RELS 201 The Hebrew Bible  
 RELS 202 The New Testament  
 RELS 205 Sacred Texts of the East  
 RELS 310 Sacred Texts  
 RELS 360 Myth, Ritual, and Symbol

*Russian*

- LTRS 110 Russian Folktales in Translation  
 LTRS 120 Window into Russia: The Major People,  
 Events, and Influences of Russia's Cultural  
 History  
 LTRS 150 Russian Literature in (English) Translation  
 LTRS 210 19th Century Russian Literature in (English)  
 Translation  
 LTRS 220 20th Century Russian Literature in (English)  
 Translation  
 LTRS 250 Russian Literature in (English) Translation

LTRS 270	Studies in Russian Film
LTRS 350	Russian Literature in (English) Translation
LTRS 450	Russian Literature in (English) Translation
<i>Spanish</i>	
LTSP 150	Spanish Literature in (English) Translation
LTSP 250	Spanish Literature in (English) Translation
LTSP 252	Contemporary Latin American Literature in Translation
LTSP 256	Latin American Literature and Film
SPAN 320	Introduction to the Study of Hispanic Literature
LTSP 350	Literature in (English) Translation
SPAN 361	Survey of Spanish Literature I
SPAN 362	Survey of Spanish Literature II
SPAN 371	Survey of Spanish-American Literature I
SPAN 372	Survey of Spanish-American Literature II
LTSP 450	Spanish Literature in (English) Translation
SPAN 451	18th- and 19th-Century Spanish Literature
SPAN 452	20th-Century Spanish Literature
SPAN 454	Contemporary Spanish-American Poetry
SPAN 455	Contemporary Spanish-American Fiction
SPAN 456	Contemporary Spanish-American Theatre
SPAN 457	Early Colonial Spanish-American Texts
SPAN 458	Contemporary Hispanic-Caribbean Theater
SPAN 473	The Golden Age
SPAN 474	Contemporary Spanish Theater
SPAN 475	Medieval Literature of the Iberian Peninsula
<i>Theatre</i>	
THTR 212	History of the American Theatre
THTR 214	Modern American and European Drama
THTR 310	Theatre History and Literature to 1750
THTR 311	Theatre History and Literature after 1750
THTR 316	African American Theatre
THTR 387	The Contemporary Theatre

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## Computational Thinking Minor

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Credit Hours: 18

### Minor Requirements:

At least nine credit hours in the minor at the 200-level or above must be earned at the College of Charleston.

#### **100-level courses (at most 9 credit hours from this set are required for this minor):**

CSCI 112	Communication Technology and the Internet
CSCI 114	Electronic Publishing and Design
CSCI 120	Building Virtual Worlds
CSCI 180	Computers, Music and Art
CSCI 199	Special Topics in Computing

#### **200-level courses and above (at least 9 credit hours from this set are allowed for the minor):**

CSCI 210	Game Programming
CSCI 220	Computer Programming I
CSCI 220L	Computer Programming I Laboratory
CSCI 221	Computer Programming II
CSCI 230	Data Structures and Algorithms

- CSCI 250 Introduction to Computer Organization and  
Assembly Language Programming
- CSCI 299 Special Topics in Computer Science
- See CSCI course listing for 300- and 400-level courses.

## Computer Information Systems Minor

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Credit Hours: 27+

### Minor Requirements:

At least nine credit hours in the minor at the 200 level or above must be earned at the College of Charleston.

- CSCI 115 Website Design
- CSCI 215 Website Programming
- CSCI 220 Computer Programming I
- CSCI 220L Computer Programming I Laboratory
- CSCI 221 Computer Programming II
- CSCI 332 Database Concepts
- OR**
- DATA 210 Dataset Organization and Management
- OR**
- CSCI 315 Server-Side Web Programming

### Math Requirement:

- MATH 105 Calculus for Business and the Social Sciences
- OR**
- MATH 120 Introductory Calculus
- MATH 207 Discrete Structures I

### Business Requirement:

- ENTR 320 Principles of Entrepreneurship

## Computer Science Minor

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Credit Hours: 19

### Minor Requirements:

At least nine credit hours in the minor at the 200 level or above must be earned at the College of Charleston.

- CSCI 220 Computer Programming I
- CSCI 220L Computer Programming I Laboratory
- CSCI 221 Computer Programming II
- CSCI 230 Data Structures and Algorithms

### One course from:

- CSCI 120 Building Virtual Worlds
- CSCI 180 Computers, Music and Art
- CSCI 210 Game Programming

### Six additional credit hours from:

- CSCI 250 Introduction to Computer Organization and  
Assembly Language Programming **or**
- Any CSCI course numbered 300 or higher

## Crime, Law and Society Minor

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Phone: 843.953.6547

### **Ann Stein, Director/Coordinator**

The Crime, Law and Society minor is intended to provide students with the knowledge and experience necessary to understand the origins of criminal behavior, the consequences of crime for society and the legal responses societies develop to combat crime. This interdisciplinary minor allows students to take courses in political science, sociology, psychology, philosophy and history as well as interdisciplinary courses on the topic. In addition to traditional coursework, students are required to complete an internship.

### **Requirements**

Credit Hours: 18

At least nine hours in the minor at the 200 level or above must be earned at the College of Charleston.

POLI 203 Criminal Justice  
SOCY 341 Criminology  
CRLS 400 Internship in Crime, Law, and Society

### **Electives (9 hours):**

Three courses selected from the following. No more than six hours may be taken in any one discipline. Three courses designated as CRLS may be taken or repeated with the program director's approval.

CRLS 200 Crime, Law, and Society Field Experience\*  
CRLS 300 Special Topics in Crime, Law, and Society  
CRLS 310 Policing in a Modern Society  
CRLS 311 Community Policing: Issues and Strategies  
CRLS 401 Crime, Law, and Society Advanced Field Experience\*  
  
HIST 211 American Urban History **or**  
POLI 306 Urban Policy **or**  
SOCY 351 Urban Sociology  
HIST 307 History of the United States: Cold War America, 1945–present  
  
PHIL 206 Topics in Law and Morality  
PHIL 270 Philosophy of Law **or**  
POLI 380 Jurisprudence  
POLI 295 Law and Society  
POLI 321 Civil Liberties  
POLI 292 Gender, Theory and Law: Sexual Harassment  
POLI 324 The Judiciary  
PSYC 221 Abnormal Psychology  
PSYC 223 Social Psychology **or**  
SOCY 331 Society and the Individual  
PSYC 344 Psychology of Substance Abuse **or**  
SOCY 348 Sociology of Alcohol and Drugs  
SOCY 342 Juvenile Delinquency  
SOCY 361 Child Welfare  
WGST 350 Gender and Violence

*\*NOTE: Variable credit courses*

## Creative Writing Minor

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Credit Hours: 18

### **Minor Requirements:**

**Choose one from (3 credit hours):**

ENGL 202 British Literature to 1800



ENGL 207 American Literature to Present

**Required (9 credit hours)**

ENGL 220 Poetry Writing I

ENGL 223 Fiction Writing I

Choose a 300-level (or higher) English course that is not in Creative Writing nor Writing, Rhetoric or Language, nor an internship or independent study.

**Choose one from (3 credit hours):**

ENGL 377 Poetry Writing II

ENGL 378 Fiction Writing II

**Choose one from (3 credit hours):**

ENGL 402 Advanced Workshop in Poetry Writing

ENGL 403 Advanced Workshop in Fiction Writing

**Or**

Another 300-level English course

## Dance Minor

Credit Hours: 18

**Minor Requirements:**

At least nine credit hours in the minor at the 200 level or above must be earned at the College of Charleston.

**Jazz Technique: Select two credit hours selected from:**

THTR 135 Beginning Jazz Dance for Non-Majors **or**

DANC 235 Jazz Dance Technique

**Ballet Technique: Two credit hours selected from:**

THTR 185 Beginning Ballet for Non-Majors

THTR 186 Intermediate Ballet for Non-Majors

DANC 285 Classical Ballet Technique I

DANC 385 Classical Ballet Technique II

**Modern Technique: Two credit hours selected from:**

THTR 137 Elementary Modern Dance for Non-Majors

THTR 138 Intermediate Modern Dance for Non-Majors

DANC 237 Modern Dance Technique I

DANC 337 Modern Dance Technique II

**One course of a higher skill level (than the one used above) in either Modern or Ballet Technique (two credit hours):**

THTR 138 Intermediate Modern Dance for Non-Majors

THTR 186 Intermediate Ballet for Non-Majors

DANC 237 Modern Dance Technique I

DANC 285 Classical Ballet Technique I

DANC 337 Modern Dance Technique II

DANC 385 Classical Ballet Technique II

**History Course: Three credit hours selected from:**

DANC 330 History of Non-Western Dance **or**

DANC 331 History of Western Dance

**Electives: Six credit hours selected from:**

DANC 330 History of Non-Western Dance **or**

DANC 331 History of Western Dance (*If not taken above*)

DANC 332 Dance Improvisation and Choreography

DANC 333 Dance Choreography II

DANC 351 Dance Pedagogy and Practice  
DANC 421 Applied Kinesiology for Dance  
DANC 442 Career Seminar in Dance

**Practicum: One credit hour selected from:**

THTR 200 General Practicum  
THTR 201 Production Practicum  
THTR 202 Theatre Performance Practicum

*NOTE: No more than eight credit hours of basic education activity theory (100 level) PEAC/PEHD or DANC/THTR cross-listed dance/activity courses may be applied toward the degree. As per the College's Course Repetition Policy, enrolling in a pre-requisite course for a previously passed course is coded 'X' (Repeat Exclude) - which means the grade will not be calculated into GPA nor will earned hours, quality hours, or quality points be awarded. Only fourteen hours from technique classes at or below the 300 level are counted towards graduation.*

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## Data Science Minor

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Phone: 843.953.5730

**Paul Anderson, Director**

The data science minor provides students an introduction to the field by developing their quantitative abilities in statistics and in data mining and giving students a broad overview of the field with some practical applications of data mining, programming, and databases.

The primary goal of the data science minor is to increase the quantitative and analytical learning outcomes to students of all degree programs at the College who complete the minor. The curriculum of the minor exposes students to the nature of data science and builds a small skill set in data mining.

**Requirements**

Credit Hours: 20

**Data Science (6 credit hours)**

DATA 101 Introduction to Data Science (3)  
DATA 210 Dataset Organization and Management (3)

**Computer Science (4 credit hours)**

CSCI 220 Computer Programming I (3)  
CSCI 220L Programming I Laboratory (1)

**Mathematics (10 credit hours)**

MATH 111 Pre-Calculus Mathematics (4)  
MATH 250 Statistical Methods I (3)  
MATH 350 Statistical Methods II (3)

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## Economics Minor

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Credit Hours: 18

**Minor Requirements:**

ECON 200 Principles of Microeconomics  
ECON 201 Principles of Macroeconomics

Electives: 12 credit hours selected from economics courses at or above the 300 level and/or DSCI 232 Business Statistics  
See course listings for a complete list of courses offered.

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## English Minor

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Credit Hours: 18

**Minor Requirements:**

At least nine credit hours in the minor at the 200 level or above must be earned at the College of Charleston.

ENGL 201 British Literature to 1800  
 ENGL 202 British Literature since 1800  
 ENGL 207 American Literature to the Present

**Three other courses selected from those at or above the 300 level which are applicable to the major in English.**

## Environmental Studies

Phone: 843.953.5995

### Seth Pritchard, Director

The environmental studies minor is offered for students who have an interest in learning more about the natural environment and the ecology of the planet, as well as understanding the relationship of political, social, cultural, and economic activities to that environment.

### Requirements

Credit Hours: 19 hours (from the following three categories)

At least nine hours in the minor at the 200 level or above must be earned at the College of Charleston.

#### I. Natural Sciences and Mathematics Environmental Courses

*Three or more courses (at least nine credit hours) plus prerequisites selected from:*

BIOL 204 Man and the Environment  
 BIOL 209 Marine Biology, with lab  
 BIOL 301 Plant Taxonomy  
 BIOL 340 Zoogeography  
 BIOL 341 General Ecology, with lab  
 BIOL 342 Oceanography, with lab  
 BIOL 360 Introduction to Biometry  
 BIOL 406 Conservation Biology  
 BIOL 410 Applied & Environmental Microbiology, with lab  
 BIOL 444 Plant Ecology  
 BIOL 503 Special Topics in Ecology  
 CHEM 522 Environmental Chemistry  
 CHEM 522L Environmental Chemistry Lab  
 CHEM 526 Introduction to Nuclear and Radiochemistry  
 CHEM 528 Nuclear and Radiochemistry  
 GEOL 103 Environmental Geology, with lab  
 GEOL 107 Introduction to Coastal and Marine Geology  
 GEOL 213 Natural Hazards  
 GEOL 257 Marine Geology  
 GEOL 275 Geomorphology, with lab  
 GEOL 312 Environmental Field Methods, with lab  
 GEOL 320 Earth Resources  
 GEOL 438 Hydrogeology, with lab  
 GEOL 449 Geographical Information Systems, with lab  
 MATH 250 Statistical Methods I  
 PHYS 105 Introduction to Meteorology  
 PHYS 308 Atmospheric Physics  
 PHYS 350 Energy Production  
 PHYS 456 Air Pollution Meteorology  
 PHYS 457 Satellite Meteorology  
 PHYS 458 Climate Change

Special topics courses offered by departments may be approved on a course-by-course basis.

*NOTE: Only one course in the student's major department may be applied to the minor. Only one mathematics course may be chosen.*

## II. Social Sciences and Humanities Environmental Courses

Two courses (plus prerequisites) selected from:

ANTH 318	Theories for the Origin of Agriculture
ECON 311	Environmental Economics
ENTR 407	Ecopreneurship
PHIL 150	Nature, Technology and Society
PHIL 155	Environmental Ethics
PHIL 245	Environmental Philosophy
POLI 294	Sustainability
POLI 307	Environmental Policy
POLI 364	International Environmental Politics
POLI 397	Environmental Geography
PSYC 329	Environmental Psychology
SOCY 346	Environmental Sociology
SOCY 352	Population and Society
SOCY 355	Science, Technology, and Society

Special topics courses offered by departments may be approved on a course-by-course basis.

*NOTE: Only one course in the student's major department may be applied to the minor.*

## III. Interdisciplinary Environmental Courses

At least four credit hours including:

ENVT 200	Introduction to Environmental Studies
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One additional ENVT course selected from:

ENVT 350	Independent Study in Environmental Science and Studies
ENVT 352	Special Topics in Environmental Science and Studies
ENVT 355	Environmental Studies Field Internship
ENVT 395	Interdisciplinary Environmental Studies Seminar

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# European Studies Minor

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Phone: 843.953.5930

### William Olejniczak, Director/Coordinator

European studies is an interdisciplinary area studies minor that introduces students to the diverse cultures and nations of Europe through the study of history, literature, languages, visual arts, economics, business, politics, religion and society.

### Requirements

Credit Hours: 18

**Cluster A: History and Ideas (3 credit hours)**

**Cluster B: Languages, Literature, Culture (3 credit hours)**

**Cluster C: Economics, Politics, Society (3 credit hours)**

**Electives (6 credit hours)**

**European Studies 400 Capstone Course (3 credit hours)**

*NOTE: Six credit hours of electives must be taken from Cluster A, B, or C with the following restrictions: no more than 6 credit hours from one cluster, no more than 3 credit hours from one discipline, and no more than 6 credit hours devoted to the study of one country may count towards the 18-hour minor. In order to complete this minor, students will take HIST 101 and 102 (or HONS 120 and 130) or their equivalents and a European language.*

*NOTE: Each semester, departments offer relevant special topics courses. When appropriate, special topics courses will count towards the minor. Students should consult with the director of the program to determine if a special topics course may count towards the minor. Students may also need to fulfill prerequisites before they take certain upper-level courses in some departments.*

**Cluster A: History and Ideas**

*Choose one 3-credit-hour course from the following:*

- HIST 231 Ancient Greece
- HIST 232 Ancient Rome
- HIST 234 Early Middle Ages
- HIST 235 High Middle Ages
- HIST 242 History of Modern France
- HIST 244 Political and Social History of Germany from 1866 to Present
- HIST 252 Women in Europe
- HIST 256 History of Science and Technology
- HIST 291 Disease, Medicine, and History
- HIST 336 Italian Renaissance
- HIST 337 The Age of Reformation
- HIST 341 Age of Enlightenment and Revolution
- HIST 344 Modern European Cultural History
- HIST 345 Modern German Cultural and Intellectual History
- HIST 346 History of the Soviet Union
- HIST 357 Victorian Britain
- PHIL 201 History of Ancient Philosophy
- PHIL 202 History of Modern Philosophy
- PHIL 203 Philosophy of Human Nature
- PHIL 205 Existentialism
- PHIL 240 Jewish Philosophy
- PHIL 250 Marxism
- PHIL 304 19th-Century Philosophy
- PHIL 306 20th-Century Analytical Philosophy
- PHIL 307 20th-Century Continental Philosophy
- RELS 202 The New Testament: History and Interpretation
- RELS 225 The Jewish Tradition
- RELS 230 The Christian Tradition
- RELS 335 Western Esotericism
- SOCY 260 Development of Social Thought

**Cluster B: Languages, Literature, Culture (3 credit hours)**

*Choose one 3-credit-hour course from the following:*

- ENGL 201 British Literature to 1800
- ENGL 202 British Literature since 1800
- ENGL 203 Survey of European Literature I
- ENGL 204 Survey of European Literature II
- ENGL 302 Shakespeare
- ENGL 304 Chaucer
- ENGL 306 Milton
- ENGL 312 History of the English Language
- ENGL 314 The Sixteenth Century
- ENGL 317 The Seventeenth Century
- ENGL 318 The Eighteenth Century
- ENGL 321 The Romantic Period
- ENGL 323 The Victorian Period
- ENGL 325 Modern British Literature
- ENGL 326 Irish Literature
- ENGL 327 The British Novel: I
- ENGL 328 The British Novel: II

ENGL 335	Modern Poetry
ENGL 337	British Drama to 1642
ENGL 340	Restoration and 18th-Century Drama
ENGL 350	Major Authors
ENGL 357	Studies in Contemporary British Literature
ENGL 360	Major Literary Themes
LTFR 150	French Literature in (English) Translation
LTGR 150	German Literature in (English) Translation
LTGR 250	German Literature in Translation
LTGR 270	Studies in German Film
LTGR 450	German Literature in (English) Translation
LTIT 150	Italian Literature in (English) Translation
LTIT 250	Italian Literature in (English) Translation
LTIT 350	Italian Literature in (English) Translation
ITAL 370	Studies in Film and Italian Literature (English)
LTIT 450	Italian Literature in (English) Translation
LTRS 150	Russian Literature in (English) Translation
LTRS 250	Russian Literature in (English) Translation
LTRS 270	Studies in Russian Film
LTRS 350	Russian Literature in (English) Translation
LTRS 450	Russian Literature in (English) Translation
CLAS 242	Images of Women in Classical Antiquity
CLAS 253	Ancient Epic
CLAS 254	Tragedy
CLAS 255	Comedy
CLAS 256	Ancient Satire
CLAS 270	The Romans in Cinema
CLAS 301	Topics in Ancient Greek Literature
CLAS 302	Topics in Latin Literature
CLAS 303	Topics in Classical Civilization
ARTH 220	History of Greek and Roman Art
ARTH 225	Medieval Art
ARTH 265	The City as a Work of Art
ARTH 277	Renaissance Art
ARTH 280	History of Baroque Art
ARTH 285	Modern Art
ARTH 301	Studies in Ancient and Medieval Art
ARTH 303	Studies in Renaissance and Baroque Art
ARTH 306	Studies in Modern, Contemporary, and Film Arts
ARTH 350	History of Early Christian and Byzantine Art
ARTH 355	History of Early Medieval and Romanesque Art
ARTH 360	History of Gothic Art
ARTH 362	History of Medieval Manuscript Illumination
ARTH 365	History of Northern Renaissance Painting
ARTH 370	History of Italian Early Renaissance Art
ARTH 375	History of Italian High and Late Renaissance Art
ARTH 381	Spanish Baroque Painting and Sculpture
ARTH 385	History of European Painting, 1700–1850
ARTH 389	19th-Century European Art
ARTH 390	20th-Century European Art
ARTH 394	History of 18th- and 19th-Century Architecture
ARTH 395	History of 20th-Century Architecture
MUSC 230	Masterworks of Music Literature

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MUSC 337	Opera Literature
MUSC 381	Music History I
MUSC 382	Music History II
MUSC 481	Music Theory III
MUSC 482	Music Theory IV
THTR 310	Theatre History and Literature to 1750
THTR 311	Theatre History and Literature after 1750
THTR 318	History of Fashion and Manners
THTR 387	The Contemporary Theatre
THTR 388	Dramatic Theory and Criticism
FREN 220	Special Assignment Abroad*
FREN 320	Survey of Francophone Literature*
FREN 321	Survey of French Literature *
FREN 326	Survey of Francophone Civilization*
FREN 327	Survey of French Civilization*
FREN 330	Collateral Study*
FREN 360	French Language Study Abroad*
FREN 361	Current Issues in France or the French-Speaking World*
FREN 363	Advanced French Culture*
FREN 370	Studies in French Film and Literature*
FREN 431	The Middle Ages and Renaissance in France*
FREN 432	The 17th Century*
FREN 434	The 18th Century*
FREN 435	Literature of the 19th Century *
FREN 437	Literature of the 20th Century*
FREN 443	The Novel in France*
FREN 482	French and Francophone Women Writers*
GRMN 320	Special Assignment Abroad*
GRMN 325	German Contemporary Issues*
GRMN 326	German Media*
GRMN 328	German Language Study Abroad*
GRMN 329	Current Issues in Germany or the German-Speaking World*
GRMN 365	Introduction to Literature*
GRMN 424	German Civilization and Culture*
GRMN 460	German Literary Heritage*
GRMN 468	Studies in Modern German Literature*
GRMN 472	Studies in German Cinema*
GREK 203	New Testament Greek*
GREK 371	Readings in Greek Literature: Poetry*
GREK 372	Readings in Greek Literature: Prose*
ITAL 328	Italian Language Study Abroad*
ITAL 361	Survey of Italian Literature I*
ITAL 362	Survey of Italian Literature II*
ITAL 452	20th-Century Italian Literature*
LATN 301	Introduction to Latin Literature*
LATN 305	Medieval Latin*
LATN 321	Cicero*
LATN 322	Virgil*
LATN 323	Roman Historiography*
LATN 371	Roman Comedy*
LATN 372	Roman Satire*
LATN 373	Roman Biography*
SPAN 320	Introduction to the Study of Hispanic Literature*

SPAN 328	Spanish Language Study Abroad*
SPAN 361	Survey of Spanish Literature I*
SPAN 362	Survey of Spanish Literature II*
SPAN 446	History of the Spanish Language*
SPAN 451	18th- and 19th-Century Spanish Literature*
SPAN 452	20th-Century Spanish Literature*
SPAN 453	Don Quijote de La Mancha*
SPAN 473	The Golden Age*
SPAN 474	Contemporary Spanish Theatre*
SPAN 475	Medieval Literature of the Iberian Peninsula*

*\*Please note: courses marked with an asterisk are taught in that language.*

### **Cluster C: Economics, Politics, Society (3 credit hours)**

*Choose one 3-credit-hour course from the following:*

ANTH 326	Peoples and Cultures of Europe
ECON 308	Evolution of Economic Doctrines
ECON 310	International Economics
ECON 330	Comparative Economic Systems
FREN 380	Le Concept de Marketing*
FREN 381	French for World Business I*
FREN 382	French for World Business II*
GRMN 331	German for Business*
GRMN 332	German in International Business*
INTB 314	Management of Global Technology
INTB 322	International Business
INTB 409	Global Strategic Management
MGMT 325	International Management
MGMT 391	The International Corporation: A Comparative Approach
MKTG 326	International Marketing
POLI 352	Geography and Politics of the European Union
SPAN 316	Applied Spanish*
SPAN 318	Spanish for International Business*
TRAN 432	Global Logistics Systems Management

*\*Please note: courses marked with an asterisk are taught in that language.*

European Studies Capstone: 3 hours

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## **Film Studies Minor**

Phone: 843.953.4957

**John Bruns, Director/Coordinator**

### **Requirements**

Credit Hours: 18

At least nine hours in the minor at the 200 level or above must be earned at the College of Charleston.

(6 hours of core courses, plus 12 hours of approved elective courses)

### **Core curriculum:**

ENGL 212 The Cinema: History and Criticism

ENGL 351 Studies in American Film

*NOTE: In addition to the courses listed below, certain independent studies, tutorials, and special topics courses dealing specifically with film may also count toward the film minor, as determined by the film studies advisor on a case-by-case basis.*

### **World Cinema/World Cultures (at least 3 hours):**

CLAS 270 The Romans in Cinema

FREN 370 Studies in French and Francophone Film and



	Literature
GRMN 472	Studies in German Cinema
LTGR 270	Studies in German Film
LTIT 270	Introduction to Italian Cinema
LTIT 370	Studies in Italian Cinema
LTPO 270	Studies in Brazilian Film
LTRS 270	Studies in Russian Film
LTSP 256	Latin American Literature and Film
POLI 359*	Special Topics in Comparative Politics

**Specialized Topics in Film and Other Media (at least 3 hours):**

ARTH 306*	Studies in Modern, Contemporary, and Film Arts
ARTH 392	The Camera and Visual Perception
ARTH 293	Introduction to Film Art
THTR 350	Screenwriting
ENGL 390	Studies in Film
ENGL 399	Tutorial <b>or</b>
ENGL 404	Independent Study
PHIL 185	Philosophy in Film
RELS 280	Religion and Film
THTR 350	Selected Topics in Communication Production

**Notes:**

- *\*This course must specifically have related course content to count towards the Film Studies Minor.*
- *Students may receive no more than six credit hours for ARTH 306 or ENGL 390 towards the Film Studies Minor.*

## Finance Minor

Credit Hours: 18

**Minor Requirements:**

The minor or concentration provides the business administration, economics, or accounting major with a broad understanding of the finance function within a business organization and an appreciation of the financial system as a whole. Those students majoring in either economics or accounting receive the minor in finance while the business administration majors receive an area of concentration in finance. It includes courses in financial operations, financial institutions/markets, and investments; as well as the economic and legal framework of financial activities. Primary topics include broad corporate objectives of financial planning, the acquisition of funds and business investment decisions.

Graduates with a minor or concentration in finance typically specialize in corporate finance or financial services. Careers in corporate finance include treasurers, comptrollers and financial analysts. Careers in financial services include investment management, banking, real estate, insurance, and financial advisory services.

**Required Courses**

Students completing the Bachelor of Science in Business Administration with a concentration in finance must complete the B.S.B.A. requirements as specified within the Department of Management and Entrepreneurship's section. The concentration will substitute for the 12 hours of upper-level electives required in the B.S.B.A.

FINC 303	Business Finance
FINC 410	Seminar in Finance

**Electives**

12 credit hours selected from finance (FINC) or real estate (REAL) courses at or above the 300 level, or ECON 305. No more than 6 credit hours from real estate (REAL) courses. No more than 3 credit hours from FINC 420, FINC 499 or internships.

*NOTES: All prerequisites for business and economics courses must be met.*

*Business Finance (FINC 303) is a prerequisite for most upper-level finance courses.*

## French and Francophone Studies Minor

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Credit Hours: 18

### Minor Requirements:

At least nine credit hours in the minor at the 300 level or above must be earned at the College of Charleston.

#### 1. Required Courses:

FREN 313 French Composition and Grammar  
FREN 314 French Conversation and Composition II  
*NOTE: FREN 313 and 314 are prerequisites for all courses above 314.*

#### 2. One course selected from:

FREN 320 Survey of Francophone Literature  
FREN 326 Survey of Francophone Civilization

#### 3. One course selected from:

FREN 321 Survey of French Literature  
FREN 327 Survey of French Civilization  
FREN 363 Advanced French Culture

#### 4. One course from the 300 level

See course listings for a complete list of courses offered.

#### 5. One course from the 400 level

See course listings for a complete list of courses offered.

*NOTE: For the minor to count toward the international business major, at least two of the following courses must be completed.*

FREN 380 Le Concept de Marketing  
FREN 381 French for World Business I  
FREN 382 French for World Business II

## French Studies Minor

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Phone: 843.953.6529

### Norbert Sclippa, Director/Coordinator

The French studies minor is an interdisciplinary approach to contemporary France and the Francophone world.

### Requirements

Credit Hours: 18

At least nine hours in the minor at the 200 level or above must be earned at the College of Charleston.

#### Required course:

LTFR 250 Francophone Literature in Translation

#### Select two courses from:

FREN 326 Survey of Francophone Civilization  
FREN 327 Survey of French Civilization  
HIST 242 History of Modern France  
HIST 341 Age of Enlightenment and Revolution

#### Select three courses from:

ANTH 326 Peoples and Cultures of Europe  
ARTH 385 European Painting from 1700 to 1850  
ENGL 203 Survey of European Literature  
FREN 360 French Language Study Abroad  
FREN 361 Current Issues in France and the French-Speaking World  
FREN 370 Study in French Film and Literature

FREN 451	African Literature of French Expression
FREN 490	Special Topics in French
HIST 347	Special Topics in Modern European History
HIST 343	Europe Since 1939
MUSC 337	Opera Literature
PHIL 205	Existentialism
PHIL 307	20th-Century Continental Philosophy
POLI 352	Geographies and Politics of the European Union
THTR 387	The Contemporary Theater

## Geography Minor

Credit Hours: 18

### Minor Requirements:

A minor in geography requires detailed study of particular places at different scales, from the Lowcountry to Africa, and teaches students to understand and appreciate the physical and social processes that shape the world we live in. Students are introduced to the discipline of geography through World Regional Geography, a required course. All declared minors also take Reading the Lowcountry Landscape, which is a field-intensive methods course that builds geographic skills by analyzing the various processes that have shaped the Lowcountry. The minor is offered by the Department of Political Science and administered by a steering committee of faculty. Additional geography electives and cognate courses may be proposed by other departments for inclusion at any time.

Students are required to take one systematic course in geography: environmental, political or urban geography. From there, students choose geography and cognate electives for a total of 18 credit hours in the discipline.\*

### The core requirement for the minor includes two courses:

POLI 104	World Regional Geography
GEOG 219	Reading the Lowcountry Landscape

### Plus any one of the following:

POLI 305	Urbanization and Urban Geography
POLI 368	Political Geography
POLI 397	Environmental Geography

### Students must also take 9 credit hours of electives

One elective must be drawn from the following list of geography courses:

POLI 305	Urbanization and Urban Geography
POLI 306	Urban Policy
POLI 333	Suburbia: People, Places, and Politics
POLI 352	Geographies and Politics of the European Union
POLI 353	Geographies and Politics of Food
POLI 367	The Geography of International Conflict
POLI 368	Political Geography
POLI 397	Environmental Geography
GEOG 119	Special Topics in Geography
GEOG 301	Special Topics in Geography
GEOG 401	Reading and Independent Study in Geography

### The remaining two electives can be selected from the list of geography courses above and/or these cognate courses:

POLI 340	Politics of Latin America
POLI 342	Politics of Africa
POLI 343	Politics of East Asia
POLI 344	Politics of the Middle East

\*NOTE: a maximum of 9 hours of coursework in the Geography Minor may be applied to the requirements for the major in Political Science.

## Geology Minor

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Credit Hours: 20

### Minor Requirements:

**At least nine credit hours in the minor at the 200 level or above must be earned at the College of Charleston.**

GEOL 101/101L	Dynamic Earth (with laboratory) <b>or</b>
GEOL 103/103L	Environmental Geology (with laboratory) <b>or</b>
HONS 155/155L	Honors Geology I (with laboratory)
GEOL 105/105L	Earth History (with laboratory) <b>or</b>
HONS 156/156L	Honors Geology II (with laboratory)

**A maximum of 3 credit hours in these classes can count toward to Geology & Environmental Sciences Minor**

GEOL 260	NASA Space Mission Design
GEOL 260L	NASA Space Mission Design Lab
GEOL 460L	NASA Space Mission Design Leadership Lab

Additional geology courses selected to complement the student's major. The student's major advisor and his or her geology advisor must approve the courses.

## German Minor

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Credit Hours: 18

### Minor Requirements:

Must be above GRMN 202 or 250

GRMN 313	German Conversation
GRMN 314	German Composition and Grammar

Twelve additional credit hours must be completed at the 300-level or above.

At least nine hours in the minor at the 200 level or above must be earned at the College of Charleston.

See course listings for a complete list of courses offered.

Note: Native speakers or students who have already achieved a high level of oral proficiency (to be determined by an oral interview with the instructor) will not be given credit for this course(s). Another course(s) will be required at or above the 300-level to fulfill the degree requirement with the approval of the German Studies Director.

## German Studies Minor

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Phone: 843.953.5464

### Nancy Nenzo, Director/Coordinator

The German studies minor provides in-depth study of German history, literature, culture, society, and business, including socio-political issues in reunited Germany and a look at the societies of contemporary Switzerland and Austria. Students may select courses taught in English or German, depending on their interests and abilities.

### Requirements

Credit Hours: 18

At least nine hours in the minor at the 200 level or above must be earned at the College of Charleston.

LTGR 250 or LTGR 270 is required. Other courses must be selected from the list below.

ARTH 365	History of Northern Renaissance Painting
HIST 244	Political and Social History of Germany from

	1866 to the present
HIST 344	Modern European Cultural History
HIST 345	Modern German Cultural and Intellectual History
MUSC 230	Masterworks of Music Literature
PHIL 205	Existentialism
PHIL 304	Nineteenth-Century Philosophy
PHIL 307	Twentieth-Century Continental Philosophy
POLI 352	Geographies and Politics of the European Union
LTGR 250	German Literature in Translation
LTGR 270	Studies in German Film
GRMN	All courses at or above the 300 level

*NOTE: Any additional courses, including special topics courses not listed in the Undergraduate Catalog and which pertain to the field of German studies, may count towards the minor, with the approval of the director of German studies.*

## Global Logistics and Transportation Minor

Credit Hours: 18

### Minor Requirements:

TRAN 311	Intermodal Transportation
TRAN 312	Global Logistics
ECON 303	Economics of Transportation and Geography
INTB 322	International Business
TRAN 431	Issues in Global Logistics
TRAN 432	Global Logistics Systems Management

*NOTES: Economics (ECON) 200 and 201 are pre-requisites for the courses required of this minor. Students must meet with the program director (Kent Gourdin: [gourdink@cofc.edu](mailto:gourdink@cofc.edu)) for application in the spring of their sophomore year. Students are required to have a minimum cumulative GPA of 2.50. A professional training program is also required for students in this minor.*

## Global Trade Minor

Credit Hours: 18-24+

To obtain a Global Trade minor, students must meet one of the following conditions\*:

1. Earn a major in a Foreign Language; **OR**
2. Achieve Proficiency in a Foreign Language at Categories I, II, and III (ACTFL Intermediate High or higher) through standardized foreign language proficiency tests (e.g. French, Italian, Portuguese, Spanish, and German); **OR**
3. Achieve Proficiency at the ACTFL Intermediate Low or higher for Categories IV and V Foreign Languages (Hebrew, Hindi, Russian, Arabic, Mandarin, and Japanese); **OR**
4. For native speakers of a language other than English, a TOEFL score of 570 or 80 (Internet) can be used to satisfy the requirement.

### Required Courses (12 credit hours):

ECON 200	Principles of Microeconomics
ECON 201	Principles of Macroeconomics
INTB 313	Global Commerce and Enterprise
INTB 322	International Business

### Complete six credit hours from the following:

BLAW 309	Legal Environment of International Business
ECON 303	Economics of Transportation and Geography
ECON 310	International Economics
ECON 325	Economics for Development
FINC 382	International Financial Management

INTB 314	Global Operations and Technology Management
INTB 344	International Business Internship
INTB 360	Special Topics in International Business
INTB 390	International Social Enterprise and Development
INTB 420	Independent Study in International Business
INTB 499	Bachelor's Essay
MGMT 308	Managing Diversity
MGMT 310	International Human Resources
MGMT 325	International Management
MGMT 391	The International Corporation: A Comparative Approach
MKTG 326	International Marketing

**Study Abroad Requirements:** Earn 6 credit hours in a foreign country. Up to two courses, when pre-approved by the Director of the International Business Program, can be applied to the requirements of the minor.

**Note:** *This minor is not available to students with a School of Business major (Accounting, Business Administration, Economics, Finance, Hospitality and Tourism Management, International Business, or Marketing)*

## Greek Minor

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Credit Hours: 18

**Minor Requirements:**

Must be taken in the Greek language beyond GREK 102 or its equivalent.

At least nine credit hours in the minor at the 200 level or above must be earned at the College of Charleston.

## Health Minor

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Credit Hours: 18

**Minor Requirements:**

This minor is available to students who are not majors in Public Health.

*NOTE: The maintenance of a minimum GPA of 2.0 in the health minor coursework is required for successful certification of the health minor on the student's transcript.*

**Choose from any of the following courses:**

HEAL 215	Introduction to Public Health
HEAL 216	Personal and Community Health
HEAL 217	Human Sexuality
HEAL 225	Consumer Health
HEAL 230	Global Health
HEAL 240	Worksite Wellness
HEAL 257	Principles of Nutrition
HEAL 317	Sexual Behavior and Relationships
HEAL 320	Special Topics
HEAL 323	Women's Health Issues
HEAL 333	Sports and Exercise Nutrition
HEAL 347	First Aid and Emergency Preparedness
HEAL 350	Epidemiology
HEAL 401	Independent Study
PSYC 333	Health Psychology
SOCY 336	Death and Dying

# Historic Preservation and Community Planning Minor

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Credit Hours: 21

## Minor Requirements:

### Required courses:

HPCP 199	Introduction to Historic Preservation
ARTH 265	The City as a Work of Art
URST 310	Urban Planning
HPCP 410	Internship (also satisfied by HIST 496 Field Internship or URST 400 Practicum)

### Electives: nine credit hours from the following:

HPCP 275	History of Land Design (cross-listed as ARTH 275)
HPCP 298	AutoCad and Photoshop for Preservationists
HPCP 299	Preservation Planning Studio
HPCP 305	Building Pathology
HPCP 315	Urban Design Studio
HPCP 339	History of American Interiors (cross-listed as ARTH 339)
HPCP 375	Landscape Preservation & Design Studio
HPCP 420	Preservation Law and Economics
ARTH 260	Buildings, Manners, and Laws: Charleston Architecture and Culture
ARTH 335	History of American Architecture
HIST 222	History of South Carolina
HIST 323	Society and Culture of Early Charleston
POLI 305	Urbanization and Urban Geography
POLI 322	Urban Government and Politics

Special topics in art history, history, political science, urban studies.

# History Minor

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Credit Hours: 18

## Minor Requirements:

Students must complete 18 credit hours at the 200 level or higher with at least 3 credit hours at the 300-level or higher.

At least nine credit hours in the minor at the 200 level or above must be earned at the College of Charleston.

*NOTE: All minors must have passed at least one 200-level course before taking a 300-level course and must have passed at least one 300-level course before taking a 400-level course. HIST 299, The Historian's Craft, is only required if the student chooses to enroll in the capstone research seminar (which is optional for minors).*

# Hospitality and Tourism Management Minor

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Credit Hours: 18

## Minor Requirements:

The minor provides non-business administration majors a fundamental understanding of the core management skills and knowledge areas in the hospitality and tourism sector in order to prepare them for career opportunities therein.

At least nine credit hours in the minor must be earned at the College of Charleston.

**Core courses:**

ACCT 203	Financial Accounting
ECON 200	Principles of Microeconomics
HTMT 210	Principles and Practices in Hospitality and Tourism

At least nine credit hours from upper division HTMT courses (300–400 level)

Internship: A non-credit internship (generally completed the senior year) is required of all students in the hospitality and tourism minor. Fall, spring, and summer internships require a minimum of 120 clock hours of meaningful management activity within a hospitality and tourism organization.

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## International Studies Minor

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Phone: 843.953.4884

**Douglas Friedman, Director/Coordinator**

The international studies minor is an elective program which provides a structured course of study designed to acquaint students with the international community. Completion of this minor course of studies will provide an important background for individuals planning careers in government, private enterprise, or non-governmental institutions.

**Requirements**

Credit Hours: 18

At least nine hours in the minor at the 200 level or above must be earned at the College of Charleston.

**Core: Nine hours to include:**

INTL 100 Introduction to International Studies and one course from each of the following two categories:

*A. Interdisciplinary Studies*

ASST 101	Introduction to Asian Studies
AFST 101	Introduction to African Studies
LACS 101	Introduction to Latin American and Caribbean Studies
CPLT 200	Introduction to Comparative Literature

*B. International Politics, History, Geography, Economics, Culture and Literature*

POLI 103	World Politics
HONS 166	Honors World Politics
HIST 104	World History since 1500
GEOG 101/ POLI 104	World Regional Geography
RELS 105	World Religions
INTL 120	Economics of Globalization
ENGL 233	Survey of Non-Western 20 <sup>th</sup> Century Literature
	<b>or</b>

Any 200-level Foreign Literature in Translation survey course (i.e., LTPO, LTRS, LTFR, etc.)

**Electives: 9 hours**

Nine hours directed toward a specific non-US geographic area (for example, Europe, Africa, Latin America, Asia, Middle East, etc.) or theme (for example, international human rights; international economy; international security, etc.) determined in consultation with the student's International Studies advisor.

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## Italian Minor

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Credit Hours: 18

**Minor Requirements:**

At least nine hours in the minor at the 200 level or above must be earned at the College of Charleston.

The 18 hours must be above ITAL 202 or 250



**Must complete the following:**

ITAL 313 Italian Conversation and Composition I

ITAL 314 Italian Conversation and Composition II

Must complete 3 hours in LTIT (Italian literature and culture in translation)

Must complete 9 additional hours in ITAL (Italian language) courses at or above the 300-level

## Italian Studies Minor

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Phone: 843.953.5489

**Massimo Maggiari, Director/Coordinator**

The Italian Studies minor is an elective program which provides a structured course of study designed to acquaint students with Italian history, culture, and civilization, as well as sociopolitical issues of contemporary Italy. The minor is an 18 credit interdisciplinary program which requires work primarily in Italian. Such a minor should include 3 courses in advanced Italian and 3 courses in related fields. Elective courses may be chosen from a number of fields, including English, Art History, Italian Literature in translation, Italian Cinema, History, and Music. Students select courses with their major advisor and have their minor approved by the coordinator of the Italian program who also becomes the students' advisor in the minor.

**Requirements**

Credit Hours: 18

At least nine hours in the minor at the 200 level or above must be earned at the College of Charleston.

The 18 hours must be above ITAL 202 or ITAL 250.

**Core Courses: Nine hours, with six from the following two courses:**

ITAL 313 Italian Conversation &amp; Composition I

ITAL 314 Italian Conversation &amp; Composition II

**And** three hours selected from the following courses in Italian literature and culture in translation:

LTIT 250 Italian Poetry

LTIT 270 Introduction to Italian Cinema

LTIT 350 Dante in Translation

LTIT 370 Studies in Italian Cinema

LTIT 450 Italian Literature in Translation

**Electives: nine hours selected from any LTIT courses or the following:**

ARTH 277 Renaissance Art

ARTH 280 Baroque Art

ARTH 370 History of Italian Early Renaissance Art

ARTH 375 History of Italian High &amp; Late Renaissance Art

ENGL 203 Survey of European Literature (through the Renaissance)

HIST 336 Italian Renaissance

MUSC 337 Opera Literature

ITAL 300+ All courses at or above the 300 level.

*NOTE: Prerequisites are required for many of the courses needed for a minor.*

## Japanese Studies Minor

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Phone: 843.953.7821

**Yoshiki Chikuma, Director/Coordinator**

The Japanese studies minor is a structured course of study designed to acquaint students with Japanese language, civilization, and culture.

**Requirements**

Credit Hours: 18

At least nine hours in the minor at the 200 level or above must be earned at the College of Charleston.

**The two core courses:**

- JPNS 313 Japanese Conversation and Composition I  
JPNS 314 Japanese Conversation and Composition II

**Electives:**

*Four courses selected from:*

- ARTH 103 History of Asian Art  
ARTH 243 History of the Art of Japan  
HIST 286 History of Japan to 1800  
HIST 287 History of Modern Japan  
JPNS 343 Advanced Japanese Conversation and Composition  
JPNS 390 Special Topics  
LTJP 250 Japanese Literature in (English) Translation  
LTJP 350 Japanese Literature in (English) Translation  
LTJP 390 ST: Japanese Literature in (English) Translation  
POLI 343 Politics of East Asia  
RELS 248 Religious Traditions of China and Japan

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## Jewish Studies Minor

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**Requirements**

Credit Hours: 18

At least nine hours in the minor at the 200 level or above must be earned at the College of Charleston.

**REQUIRED:**

- JWST 210 Jewish History 1: Ancient to Modern  
Courses should be selected with the approval of the director or associate director.
- FYSM 142\* First-Year Seminar in Jewish Studies  
HBRW 101 Elementary Modern Hebrew I  
HBRW 102 Elementary Modern Hebrew II  
HBRW 201 Intermediate Modern Hebrew I  
HBRW 202 Intermediate Modern Hebrew II  
HBRW 313 Advanced Modern Hebrew: Conversation and Composition  
HBRW 314 Advanced Modern Hebrew: Conversation and Composition  
HIST 213 American Jewish History: Colonial Times to the Present  
HIST 244\* History of Germany from 1866 to the Present  
HIST 344\* Modern European Cultural History  
HIST 345\* Modern German Cultural and Intellectual History  
HIST 359 Modern Jewish History: French Revolution to the Present  
JWST 200 The Jewish Tradition  
JWST 215 Jewish History II  
JWST 230 The Holocaust  
JWST 240 Jewish Philosophy  
JWST 245/ ENGL 191 Introduction to Jewish-American Literature  
JWST 300 Special Topics in Jewish Studies  
JWST 310 Topics in Jewish History  
JWST 315 Southern Jewish History

JWST 320	Topics in American Jewish Culture
JWST 325	Jewish Mysticism
JWST 330	Representations of the Holocaust
JWST 335	Modern Jewish Politics
JWST 400	Independent Study in Jewish Studies
JWST 450	Research Seminar in Jewish Studies
PHIL 255*	Philosophy of Religion
POLI 344	Politics of the Middle East
POLI 359*	Special Topics in Comparative Politics
RELS 201	The Old Testament: History and Interpretation
RELS 225	The Jewish Tradition
RELS 310*	Sacred Texts

\*NOTE: These courses must have specifically Jewish content to count towards the Jewish Studies Minor.

## Latin Minor

Credit Hours: 18

### Minor Requirements:

Must be taken in the Latin language beyond LATN 102 or 150 or their equivalents.

At least nine credit hours in the minor at the 200 level or above must be earned at the College of Charleston.

## Latin American and Caribbean Studies Minor

Phone: 843.953.4884

### Douglas Friedman, Director/Coordinator

This interdisciplinary minor and program will expose students to the cultures, history, politics, economy, and languages of our Latin American and Caribbean neighbors.

### Requirements

Credit Hours: 18

At least nine hours in the minor at the 200 level or above must be earned at the College of Charleston.

Not more than nine of the required credit hours may be in any one discipline (excluding LACS).

*NOTE: Students are encouraged to fulfill their language requirement in Spanish, Brazilian Portuguese, or French. Students are encouraged to spend one summer or semester in a study abroad program in Latin America or the Caribbean.*

### Required course:

LACS 101	Introduction to Latin American and Caribbean Studies
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### Two courses selected from:

ANTH 325	Peoples and Cultures of Latin America
ANTH 327	Peoples and Cultures of the Caribbean
ARTH 205	Pre-Columbian Art and Culture
HIST 262	Colonial Latin America
HIST 263	Modern Latin America
HIST 364	Sugar and Slaves in Colonial Brazil
HIST 365	Modern Brazil
LACS 103	Introduction to Contemporary Cuba
LACS 104	Introduction to Contemporary Chile
LACS 105	Introduction to Contemporary Brazil
LACS 106	Introduction to Contemporary Argentina
LTPO 150	Portuguese Literature in (English) Translation
LTPO 250	Portuguese Literature in (English) Translation: A Foreign Literature

LTPO 270	Studies in Brazilian Film
LTPO 280	Studies in Brazilian Civilization and Culture Through Literature
LTPO 350	Portuguese Literature in (English) Translation: A Foreign Author
LTPO 450	Portuguese Literature in (English) Translation: Comparative Literature
LTSP 252	Contemporary Latin American Literature in Translation
LTSP 254	Society, History, and Culture in Spanish-American Literature
LTSP 256	The Magic and The Real in Latin American Literature and Film
POLI 340	Politics of Latin America
POLI 351	The Politics of Contemporary Brazil
POLI 245	Cuban Revolution
SPAN 333	Topics in Hispanic Cultures

**Electives (including the above):**

ANTH 362	Social and Cultural Change
ANTH 328	Aztecs, Maya, and Their Ancestors
ARTH 255	Latin American Colonial Art
ENGL 233	Survey of Non-Western Twentieth-Century Literature
ENGL 234	Survey of Third World Masterpieces
ENGL 358	Colonial and Postcolonial British Literature
FREN 320	A Survey of Francophone Literature
FREN 326	A Survey of Francophone Civilization
HIST 261	Special Topics in Asia, Africa and Latin America
HIST 361	Special Topics in Asia, Africa and Latin America
HIST 366	Comparative Slavery in the Americas
HIST 461	Research Seminar in Asia, Africa, and Latin America
LACS 200	Special Topics in Latin American and Caribbean Studies
LACS 300	Special Topics in Latin American and Caribbean Studies
LACS 332	Latin American Politics and Society in Film
LACS 400	Independent Study in Latin American and Caribbean Studies
POLI 347	International Development: Theories and Practices
POLI 266	International Diplomacy Studies
SOCY 362	Social and Cultural Change
SPAN 315	Special Assignment Abroad
SPAN 328	Spanish Language Study Abroad
SPAN 333	Topics in Hispanic Cultures
SPAN 371	Survey of Spanish-American Literature I
SPAN 372	Survey of Spanish-American Literature II
SPAN 447	Spanish Dialectology
SPAN 454	Contemporary Spanish-American Poetry
SPAN 455	Contemporary Spanish-American Fiction
SPAN 456	Contemporary Spanish-American Theatre
SPAN 457	Early Colonial Spanish-American Texts
SPAN 458	Contemporary Hispanic-Caribbean

*NOTE: Departmental Special Topics, Tutorials, Independent Studies, and Internships as appropriate.*

## Leadership, Change and Social Responsibility Minor

Credit Hours: 18

### Minor Requirements:

#### Required Courses

MGMT 301 Management and Organizational Behavior  
MGMT 345 Leadership and Management Development

#### Four courses from the following:

MGMT 332 Business Communications  
MGMT 350 Business, Leadership, and Society  
MGMT 401 Organizational Behavior and Change  
MGMT 403 Entrepreneurial Leadership  
MGMT 360\* Special Topics in Management (upon approval)  
MGMT 420\* Independent Study  
MGMT 444\* Management Internship

*\*With no more than 3 credit hours from the following: special topics, independent study, or internships.*

## Linguistics Minor

Phone: 843.953.8066

### Elizabeth Martínez-Gibson, Director/Coordinator

Linguistics is an interdisciplinary minor designed to examine the importance of language in all aspects of life and to contribute to the students' expansion of the understanding of the global community. Linguistics is the study of language in its many different disciplines and environments. It is no longer simply a study of the theoretical issues of pronunciation and grammar, but it is also a study of how we acquire language, the learning process, societal effects, the evolution of language, the behavioral patterns involved, the importance of language in the computer age, and the biological aspects of language. The idea of this minor is to bring together all of these disciplines with one common theme, language. Through this field of study it is the intent that students will realize the importance of language in all fields of study and will be able to apply their knowledge in their careers and everyday life to communicate and understand the world as a whole.

### Requirements

Credit Hours: 18

Students will take the following sequence of courses for a total of eighteen (18) credits:

#### Introduction to Language and Linguistics (3 credits)

#### Two courses from "Languages and Society" (6 credits):

ANTH 205 Language and Culture  
COMM 215 Communication, Identity and Community  
COMM 380 Studies in Communication (when appropriate to the area of language and linguistics)  
ENGL 309 English Language :Grammar and History  
HIST 272 Pre-Colonial Africa  
LING 490 Special Topics  
PSYC 358 Non-Verbal Communication  
PSYC 378 Psychology of Language  
SPAN 447 Spanish Dialectology  
SPAN 448 Spanish Sociolinguistics  
SPAN 590 Spanish Linguistics – Special Topics (with special permission)

*NOTE: Any new courses, additional courses, or special topics in the area of socio- or psycholinguistics will be considered on an individual basis.*

**One course from "Structured Linguistics" (3 credits):**

CSCI 325	Declarative Programming Languages
CSCI 410	Automata and Formal Languages
CSCI 470	Principles of Artificial Intelligence
ENGL 303	Modern English Grammar
ENGL 309	English Language: Grammar and History
FREN 342	Advanced Grammar
FREN 341	Phonetics and Advanced Language Study
GRMN 341	Advanced Grammar and Syntax
LALE 601	Applied Linguistics (with special permission)
LING 490	Special Topics
SPAN 344	Spanish Grammar and Lexicon
SPAN 381	Introduction to Spanish Linguistics
SPAN 443	Spanish Morphology
SPAN 445	Spanish Phonetics and Phonology
SPAN 590	Spanish Linguistics – Special Topics (with special permission)
PHIL 120	Symbolic Logic
PHIL 335	Philosophy of Language

*NOTE: Any new courses, additional courses, or special topics in the area of descriptive language will be considered on an individual basis.*

**One course from "Historical Linguistics" (3 credits):**

ENGL 309	English Language: Grammar and History
ENGL 312	History of the English Language
HIST 272	Pre-Colonial Africa
LING 490	Special Topics
SPAN 446	History of the Spanish Language
SPAN 447	Spanish Dialectology

*NOTE: Any new courses or special topic courses related to the history or evolution of language will be considered on an individual basis.*

One elective from any of the above areas or an independent study based on the approval of the director of the minor program, the department chair, and the faculty member involved (3 credits).

\*\*\* *LING 290 is a Special Topics course, which can be used to introduce a linguistic course of interest.*

\*\*\* *FREN 630 Seminars in French Language Studies (with special permission); Director must approve topic for the minor.*

This program will benefit the following programs:

- All language students
- SNAP program, by providing additional alternative courses for language.
- The School of Education, Health, and Human Performance, in the area of ESL and Special Education.

*NOTE: Courses transferred to the College that count for requirements in different departments, must contain one-third linguistic content (similar to those courses taught here), to satisfy the minor requirement.*

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## Mathematics Minor

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Credit Hours: 21-23

**Minor Requirements:**

**See also Academic Regulations on page 16.**

MATH 120	Introductory Calculus
MATH 220	Calculus II
MATH 203	Linear Algebra

Ten additional credit hours at the 200 level or above, of which three credit hours must be at the 300 level or above.

See course listings for a complete list of courses offered.

# Meteorology Minor

Credit Hours: 18

## Minor Requirements:

At least nine credit hours in the minor at the 200 level or above must be earned at the College of Charleston.

## Core courses (one from the following):

PHYS 105 Introduction to Meteorology

PHYS 308 Atmospheric Physics

## One year of basic physics (two courses):

PHYS 101  
/101L

and

PHYS 102/102L Introductory Physics including associated laboratories or

PHYS 111/111L

and

PHYS 112/112L General Physics including associated laboratories or

HONS 157

and

HONS 158 Honors Physics including associated laboratories

## A minimum of one meteorology-based course selected from:

HONS 390 Special Topics\*

PHYS 105 Introduction to Meteorology†

PHYS 298 Special Topics\*

PHYS 308 Atmospheric Physics†

PHYS 390 Research\*

PHYS 399 Tutorial\*

PHYS 412 Special Topics\*

PHYS 456 Air Pollution Meteorology

PHYS 457 Satellite Meteorology

PHYS 458 Climate Change

PHYS 499 Bachelor's Essay\*

## Electives:

BIOL 342 Oceanography

CHEM 101 General Chemistry

CHEM 111 Principles of Chemistry

CHEM 341 Physical Chemistry

ENVT 200 Introduction to Environmental Studies

GEOL 101 Introduction to Geology

GEOL 103 Environmental Geology

GEOL 438 Hydrogeology

GEOL 240 Special Topics\*

GEOL 314 Introduction to Remote Sensing

HONS 390 Special Topics\*†

ASTR 206 Planetary Astronomy

PHYS 298 Special Topics\*†

PHYS 301 Classical Mechanics

PHYS 308 Atmospheric Physics†

PHYS 340 Photonics

PHYS 390	Research*†
PHYS 399	Tutorial*†
PHYS 405	Thermal Physics
PHYS 412	Special Topics*†
PHYS 415	Fluid Mechanics
PHYS 456	Air Pollution Meteorology†
PHYS 457	Satellite Meteorology†
PHYS 458	Climate Change†
PHYS 499	Bachelor's Essay*†

\*Must involve meteorology and must be approved by the meteorology minor program director.

†If not taken to satisfy requirements in above categories.

NOTES:

1. A minimum of nine credit hours must be at the 200 level or above.
2. Many of these courses require prerequisites which will not count towards the minor unless they are on the list above.
3. Students must notify the meteorology minor program director prior to graduation to receive credit for the minor on their transcript.

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## Music Minor

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Credit Hours: 18

### Minor Requirements:

At least nine credit hours in the minor at the 200 level or above must be earned at the College of Charleston.

MUSC 230	Masterworks of Music
MUSC 246	Music Theory I (offered every fall semester)
MUSC 382	Music History II (offered every spring semester)

### Nine elective hours: other music courses excluding music ensembles

NOTE: For most students, MUSC 146 is recommended as a background for MUSC 246 and may count as an elective toward the total.

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## Neuroscience Minor

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Phone: 843.953.2298

### Director: Elizabeth Meyer-Bernstein (Biology)

The neuroscience minor is designed to provide students with a full-spectrum approach to understanding how the brain and nervous system work in the expression of behavior. The field of neuroscience is a hybrid that integrates biology with psychology while drawing from other academic areas. This program fulfills the interdisciplinary nature of the field of neuroscience by allowing students to take neuroscience-related courses in the sciences, social sciences, and humanities in addition to core courses offered by the Departments of Biology and Psychology. In order to adequately prepare students for future careers in neuroscience-related fields, students are required to complete two semesters of independent research on a neuroscience-related topic.

### Requirements

Credit Hours: 24-26

At least nine hours in the minor at the 200 level or above must be earned at the College of Charleston.

### All of the following core courses:

15 credit hours

BIOL 351/ PSYC 351	Principles of Neurobiology
BIOL 352/ PSYC 352	Neurobiology and Behavior
BIOL 447/ PSYC 447	Seminar in Neuroscience
BIOL 448/ PSYC 448	Bachelor's Essay in Neuroscience (6 hours)



**One of the following specialized neuroscience electives: 3 credit hours**

BIOL 354	Techniques in Neuroscience
PSYC 356	Behavioral Genetics
PSYC 386	Behavioral Pharmacology
PSYC 387	Neuropsychology
PSYC 410	Special Topics (when content covers neuroscience, see program director)
BIOL353/ PSYC 353	Hormones and Behavior
BIOL 446/ PSYC 446	Special Topics in Neuroscience
PHYS 296/ BIOL 396	Biophysical Modeling of Excitable Cells

**Two of the following general electives (plus pre-requisites): 6–8 credit hours\***

*\*The two electives must be taken outside the declared major in order to fulfill the interdisciplinary nature of the minor. At least one of these electives must be offered by the Department of Biology or Department of Psychology.*

*Anthropology (may also be used to fulfill the general education requirement)*

ANTH 333	Human Evolution
ANTH 335	Primate Behavior and Evolution
ANTH 342	Human Behavior and Evolution

*Biology*

BIOL 305	Genetics
BIOL 312	Molecular Biology
BIOL 313	Cell Biology
BIOL 321	General and Comparative Physiology
BIOL 322	Developmental Biology
BIOL 343	Animal Behavior

*Chemistry*

CHEM 351	Biochemistry
CHEM 352	Biochemistry II

*Computer Science*

CSCI 470	Principles of Artificial Intelligence
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*Data Science*

DATA 101	Introduction to Data Science
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*Philosophy (may also be used to fulfill the general education requirement)*

PHIL 170	Biomedical Ethics
PHIL 260	Philosophy of Biology
PHIL 265	Philosophy of Science
PHIL 330	Philosophy of Mind

*Physics*

PHYS 203	Physics and Medicine
PHYS 270	Nanotechnology in Medicine
PHYS 320	Introduction to Electronics
PHYS 230	Introduction to Modern Physics
PHYS 340	Photonics

*Psychology*

PSYC 215	Cognitive Psychology
PSYC 221	Abnormal Psychology
PSYC 216	Sensation and Perception
PSYC 318	Comparative Psychology

*NOTE: Only one course from the minor can be applied towards the student's major.*

# Philosophy Minor

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Credit Hours: 18

**Minor Requirements:**

At least nine credit hours in the minor at the 200-level or above must be earned at the College of Charleston.

**Required courses: PHIL 101 Introduction to Philosophy and PHIL 120 Symbolic Logic**

**One course selected from:**

PHIL 201	History of Ancient Philosophy
PHIL 202	History of Modern Philosophy
PHIL 304	Nineteenth-Century Philosophy
PHIL 305	Topics in the History of Philosophy
PHIL 306	Twentieth-Century Analytic Philosophy
PHIL 307	Twentieth-Century Continental Philosophy
PHIL 310	American Philosophy

**Nine additional elective hours in philosophy, six of which must be at or above the 200-level.**

*NOTE: All philosophy courses except PHIL 120 satisfy the minimum degree requirement in the humanities.*

See course listings for a complete list of courses offered.

# Physics Minor

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Credit Hours: 18

**Minor Requirements:**

At least nine credit hours in the minor at the 200 level or above must be earned at the College of Charleston.

**Core courses:**

PHYS 111/111L	General Physics I (with laboratory)
PHYS 112/112L	General Physics II (with laboratory)

*NOTE: Under special circumstances, with department approval, and the student having earned grades of "B" or better, PHYS 101 and 102 (with associated labs) may replace PHYS 111/111L and 112/112L.*

**Electives:**

PHYS 150	Physics of Sound and Music
PHYS 203	Physics and Medicine
PHYS 230	Introduction to Modern Physics I
PHYS 260	NASA Space Mission Design
PHYS 260L	NASA Space Mission Design Lab
PHYS 270	Nanotechnology in Medicine
PHYS 296	Biophysical Modeling of Excitable Cells
PHYS 298	Special Topics*
PHYS 301	Classical Mechanics
PHYS 302	Classical Mechanics
PHYS 308	Atmospheric Physics
PHYS 320	Introductory Electronics
PHYS 331	Introduction to Modern Physics II
PHYS 340	Photonics
PHYS 350	Energy Production
PHYS 370	Experimental Physics
PHYS 390	Research*
PHYS 399	Tutorial*

PHYS 403	Introductory Quantum Mechanics
PHYS 404	Introductory Quantum Mechanics
PHYS 405	Thermal Physics
PHYS 407	Introduction to Nuclear Physics
PHYS 408	Introduction to Solid State Physics
PHYS 409	Electricity and Magnetism
PHYS 410	Electricity and Magnetism
PHYS 412	Special Topics*
PHYS 415	Fluid Mechanics
PHYS 420	Senior Research*
PHYS 460L	NASA Space Mission Design Leadership Lab
PHYS 499	Bachelor's Essay*

\*Must involve physics and be approved by the physics minor program director.

NOTE: Students must notify the physics minor program director prior to graduation to receive credit for the minor on their transcript.

## Political Science Minor

Credit Hours: 18

### Minor Requirements:

At least nine credit hours in the minor at the 200 level or above must be earned at the College of Charleston.

POLI 101	American Government
POLI 103	World Politics

**OR**

POLI 104	World Regional Geography
POLI 150	Introduction to Political Thought

At least nine additional credit hours in POLI courses. Six of the nine credit hours must be at the 300 level or above.

## Pre-Actuarial Studies Minor

### Minor Requirements:

#### Pre-Actuarial Studies Minor: 21 credit hours

*For students majoring in mathematics (other than the Actuarial Studies Track):*

ACCT 203	Financial Accounting
ACCT 204	Managerial Accounting
ECON 200	Principles of Microeconomics
ECON 201	Principles of Macroeconomics
FINC 303	Business Finance
FINC 385	Individual Risk Management and Insurance
MATH 250	Statistical Methods I
MATH 350	Statistical Methods II
MATH 430	Mathematical Statistics I
MATH 431	Mathematical Statistics II

NOTE: Three or four of the mathematics courses in this minor can be used to satisfy specific or elective course requirements in the various tracks (other than actuarial studies) in the mathematics major.

#### Pre-Actuarial Studies Minor: 24 credit hours

*For students majoring in business administration:*

FINC 385	Individual Risk Management and Insurance
MATH 120	Introductory Calculus
MATH 203	Linear Algebra
MATH 220	Calculus II

MATH 221	Calculus III
MATH 250	Statistical Methods
MATH 430	Mathematical Statistics I
MATH 431	Mathematical Statistics II

## Psychology Minor

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Credit Hours: 18

### Minor Requirements:

#### Core course:

PSYC 103 Introduction to Psychological Science

#### At least 15 additional credit hours in psychology\*

*\*NOTE: At least nine hours in the minor at the 200 level or above must be earned at the College of Charleston.*

See course listings for a complete list of courses offered.

## Real Estate Minor

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Credit Hours: 18

### Minor Requirements:

#### Required Courses

REAL 310	Principles of Real Estate
REAL 410	Real Estate Finance

#### Elective Courses (12 credit hours)

##### At least three (3) credit hours from the following:

REAL 376	Real Estate Market Analysis
REAL 380	Real Estate Investment Analysis
REAL 444	Real Estate Internship

##### And no more than nine (9) credit hours from the following:

Any real estate (REAL) course at the 300 level and above

ECON 307	Urban Economics
ECON 311	Environmental Economics
ENTR 320	Principles of Entrepreneurship
HPCP 319	Architectural Design Studio
POLI 305	Urbanization and Urban Geography
URST 310	Urban Planning

No more than three (3) credit hours from REAL 420, REAL 444, or REAL 499. No more than six (6) credit hours from HPCP 319, MGMT 319, POLI 305 or URST 310.

Students completing the Bachelor of Science in Business Administration with a concentration in real estate must complete the B.S.B.A. requirements as specified within the department of Management and Entrepreneurship's section. The concentration will substitute for the 12 credit hours of upper-level electives required in the B.S.B.A., except for HPCP 319, MGMT 319, POLI 305 or URST 310.

*NOTE: All prerequisites for business and economics courses must be met. Business Finance (FINC 303,) is a prerequisite for most upper-level real estate courses.*

## Religious Studies Minor

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Credit Hours: 18

**Minor Requirements:**

At least nine credit hours in the minor at the 200 level or above must be earned at the College of Charleston.

**One course selected from:**

- RELS 101 Approaches to Religion
- RELS 105 Introduction to World Religions

**One course selected from:**

- RELS 225 The Jewish Tradition
- RELS 230 The Christian Tradition
- RELS 235 The Islamic Tradition
- RELS 240 The Buddhist Tradition
- RELS 245 The Religions of India
- RELS 248 Religious Traditions of China and Japan

**One course selected from:**

- RELS 201 The Hebrew Bible: History and Interpretation
- RELS 202 The New Testament: History and Interpretation
- RELS 205 Sacred Texts of the East

**One course in religious studies at or above the 300 level****Two additional courses in religious studies**

With the approval of the chair of religious studies, one course (200 level or above) in a related discipline may be substituted for one of these religious studies courses.

See course listings for a complete list of courses offered.

*NOTE: All religious studies courses satisfy the minimum degree requirement in the humanities.*

## Russian Studies Minor

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Phone: 843.953.5776

**Raisa Gomer, Director/Coordinator**

After the disintegration of the Soviet Union, Slavic countries in Eurasia opened their borders allowing an unprecedented exchange of ideas, culture and business throughout the world. The Russian Studies Program has developed as a multidisciplinary course of study combining the Russian language with courses related to Russian civilization, culture, history, politics and economics. The program is designed to provide students with the language skills, cultural exposure, and historical background needed to understand and interact with the citizens of these newly available countries both in the international community and at home.

**Requirements**

Credit Hours: 18

At least nine hours in the minor at the 200 level or above must be earned at the College of Charleston.

**Six hours in Russian language selected from:**

- RUSS 201 Intermediate Russian
- RUSS 202 Intermediate Russian
- RUSS 313 Russian Conversation and Composition I
- RUSS 314 Russian Conversation and Composition II

**Three hours in Russian literature or film selected from:**

- LTRS 110 Russian Folktales in Translation
- LTRS 120 Window into Russia: The Major People, Events, and Influences of Russia's Cultural History
- LTRS 150 Russian Literature in Translation
- LTRS 210 19th Century Russian Literature
- LTRS 220 20th Century Russian Literature
- LTRS 250 Russian Literature in Translation
- LTRS 270 Studies in Russian Film

LTRS 350 Russian Literature in Translation

LTRS 450 Russian Literature in Translation

**Three hours in Russian history and politics selected from:**

HIST 343 Europe Since 1939

HIST 346 History of the Soviet Union

POLI 348 Politics of Protest and Revolution

POLI 260 International Relations Theory

**Electives: Six additional hours in Russian language, literature, film, history, politics or art, selected from the courses listed above and/or from:**

ARTH 350 History of Early Christian and Byzantine Art

ARTH 390 20th century European Art

RUSS 295 Russian for Mass Media

RUSS 330 Collateral Studies

RUSS 331 Business Russian

RUSS 390 Special Topics in Russian

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## Sociology Minor

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Credit Hours: 18

**Minor Requirements:**

At least nine credit hours in the minor at the 200 level or above must be earned at the College of Charleston.

SOCY 101 Introduction to Sociology **or**HONS 167 Introduction to Sociology **or**

SOCY 102 Contemporary Social Issues

SOCY 260 Development of Social Thought

SOCY 271 Introduction to Social Research

Complete at least NINE credit hours from SOCY 103-499, FYSM 162. A maximum of 3 credit hours from SOCY 103, 109, or FYSM 162 can count toward the electives and GPA for the Sociology minor.

See course listings for a complete list of courses offered.

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## Spanish Minor

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Credit Hours: 18 (above 202 or 250)

**Minor Requirements:****Requirements:**

SPAN 275 Spanish Skills Review

SPAN 313\* Spanish Composition

SPAN 314\* Spanish Conversation\*\*

SPAN 320 Introduction to Hispanic Literature

SPAN 333 Topics in Hispanic Cultures

**NOTES:***\*SPAN 350 Intensive Spanish fulfills the SPAN 313 and SPAN 314 requirement.**\*\*SPAN 312 Spanish as a Heritage Language (required of heritage/near-native speakers) can substitute for SPAN 314.**\*\*SPAN 328 Spanish Language Study Abroad can substitute for SPAN 314.***One elective at the 300 or 400 level.****SPAN 333 may be taken again as long as the subtitle differs from the SPAN 333 required course.**

See course listings for a complete list of courses offered.

## Studio Art Minor

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Credit Hours: 18

### Minor Requirements:

At least nine credit hours in the minor at the 200 level or above must be earned at the College of Charleston.

ARTH 101 History of Art: Prehistory to Renaissance **or**  
 ARTH 102 History of Art: Renaissance through Modern  
 ARTS 119 Drawing I

### Three credit hours selected from:

ARTS 215 Photography I  
 ARTS 216 Painting I  
 ARTS 218 Printmaking I  
 ARTS 220 Sculpture I

Select nine additional credit hours from ARTS (studio art).

At least six of these credit hours must be at the 300-level or above.

See course listings for a complete list of courses offered.

## Theatre Minor

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Credit Hours: 18

### Minor Requirements:

At least nine credit hours in the minor at the 200 level or above must be earned at the College of Charleston.

### Take 3 hours from either:

THTR 176 Introduction to Theatre **or**  
 THTR 276 Script Analysis

### Take 3 hours from either:

THTR 310 Theatre History and Literature Before 1750 **or**  
 THTR 311 Theatre History and Literature After 1750

### Additional credit hours selected from the theatre core curriculum (six credit hours):

THTR 209 Stagecraft I  
 THTR 240 Costume: Introductory Studies  
 THTR 276 Script Analysis  
 THTR 277 Acting I: Basic Approach  
 THTR 310 Theatre History and Literature Before 1750 **or**  
 THTR 311 Theatre History and Literature After 1750 (not  
 taken for above)  
 THTR 230 Fundamentals of Theatrical Design

Electives (six credit hours; any 200-level or above THTR course, except for THTR 200, 201, or 202)

See course listings for a complete list of courses offered.

## Women's and Gender Studies Minor

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Phone: 843.953.2280

### Alison Piepmeier, Director/Coordinator

Women's and Gender Studies is an interdisciplinary minor in which students explore gender identities, relations, practices, theories and institutions. Courses examine gender roles and relations, women's cultural contributions, the social, historical, political, and economic status of women, the intersection of race, class, and gender issues, and theoretical concerns about the relation of gender to

knowledge. Women's and Gender Studies courses are offered in every school on campus. Many may be used to satisfy the College's general education requirements in the social sciences and the humanities.

## Requirements

Credit Hours: 18

At least nine hours in the minor at the 200 level or above must be earned at the College of Charleston.

WGST 200 Introduction to Women's and Gender Studies

*NOTE: WGST 200 should be taken early in the minor, preferably as one of the first three courses. This course can satisfy a humanities degree requirement.*

### Five courses\*\* from the following:

ANTH 346	Anthropology of Gender
CLAS 242	Images of Women in Classical Antiquity
ENGL 336	Women Writers
ENGL 353	African Women Writers
HEAL 217	Human Sexuality
HEAL 317	Sexual Behavior and Relationships
HEAL 323	Women's Health Issues
HIST 221	Women in the United States
HIST 252	Women in Europe
PHIL 165	Philosophy and Feminism
PHIL 275	Feminist Theory
POLI 350	Comparative Gender Politics
POLI 292	Topics in Gender, Theory, and Law
POLI 332	Women and Politics
PSYC 350	Psychology of Gender
RELS 185	Women and Religion
RELS 285	Religion and Feminism
SOCY 103	Sociology of the Family
SOCY 337	Prejudice
SOCY 364	Gender and Society
WGST 120	Studies in Women's and Gender Studies
WGST 320	Special Topics in Women's and Gender Studies
WGST 350	Gender and Violence
WGST 356	Conservative Voices in Women's and Gender Studies
WGST 381***	Internship
WGST 400****	Independent Study
WGST 401	Capstone in Women's and Gender Studies
WGST 420	Seminar in Women's and Gender Studies
WGST 499	Bachelor's Essay

*NOTE: No more than two courses may be taken in any single department except those courses designated as WGST.*

*\*\*Certain special topics courses from the various departments may also be counted towards the minor requirements. Please consult the instructor or the director of the Women's and Gender Studies Program.*

*\*\*\*No more than 6 credit hours from WGST 381 can be applied towards the minor requirements.*

*\*\*\*\*No more than 6 credit hours from WGST 400 can be applied towards the minor requirements.*



# Courses

## Legend of Course Abbreviations

AAST	African American Studies	HNDI	Hindi
ACCT	Accounting	HONS	Honors
AFST	African Studies	HPCP	Historic Preservation and Community Planning
ANTH	Anthropology	HTMT	Hospitality and Tourism Management
ARBC	Arabic	INTB	International Business
ARCH	Archaeology	INTL	International Studies
ARTH	Art History	ITAL	Italian
ARTM	Arts Management	JPNS	Japanese
ARTS	Studio Art	JWST	Jewish Studies
ASST	Asian Studies	LACS	Latin American and Caribbean Studies
ASTR	Astronomy	LATN	Latin
ATEP	Athletic Training	LIBR	Library
BIOL	Biology	LING	Linguistics
BLAW	Business Law	LTXX	Literature in Translation
CHEM	Chemistry and Biochemistry	MATH	Mathematics
CHNS	Chinese	MGMT	Management and Entrepreneurship
CITA	Computing in the Arts	MKTG	Marketing and Supply Chain Management
CLAS	Classics	MUSC	Music
COMM	Communication	MUSP	Music - Practice and Performance
CPLT	Comparative Literature	PBHL	Public Health
CRLS	Crime, Law, and Society	PEAC	Physical Education Activity
CSCI	Computer Science	PEHD	Physical Education
DANC	Dance	PHIL	Philosophy
DATA	Data Science	PHYS	Physics
DSCI	Decision Science	POLI	Political Science
ECON	Economics	PORT	Portuguese
EDEE	Elementary and Early Childhood Education	PPLW	Politics, Philosophy, and Law
EDFS	Foundations, Secondary, and Special Education	PSYC	Psychology
EDLS	Learning Strategies	REAL	Real Estate
EDMG	Middle Grades Education	RELS	Religious Studies
ENGL	English	RUSS	Russian
ENTR	Entrepreneurship	SOCY	Sociology
ENVT	Environmental Studies	SPAN	Spanish
EUST	European Studies	SPOL	Spoletto
EXSC	Exercise Science	TEDU	Teacher Education
FINC	Finance	THTR	Theatre
FREN	French	TRAN	Transportation
FYER	First Year Experience Research	URST	Urban Studies
FYET	First Year Experience Travel	WGST	Women's and Gender Studies
FYSM	First Year Seminar		
GEOG	Geography		
GEOL	Geology and Environmental Geosciences		
GREK	Greek (Ancient)		
GRMN	German		
HBRW	Hebrew		
HEAL	Health		
HISP	Hispanic Studies		
HIST	History		

# Accounting Courses

## ACCT 203 Financial Accounting (3)

A survey of accounting information essential for external parties to make business decisions about an organization.

*Prerequisite:* Sophomore standing.

## ACCT 204 Managerial Accounting (3)

A survey of accounting information critical for planning, control and business decision-making within an organization.

*Prerequisite:* ACCT 203; sophomore standing.

## ACCT 307 Accounting Information Systems (3)

This course covers the concepts and techniques of the design, control, implementation and auditing of accounting information systems, with an emphasis on internal controls and reporting. In addition, new information technology (IT) and its application to accounting and auditing will also be introduced.

*Prerequisites:* Junior standing; ACCT 203.

## ACCT 308 Cost Accounting (3)

Cost concepts and techniques used by manufacturing and service organizations in accumulating cost data for product costing purposes with emphasis on joborder and process cost systems, standard cost systems and the problem of cost allocation. Also covered are the planning tools of budgeting and cost-volume-profit analysis.

*Prerequisites:* Junior standing; ACCT 203, 204.

## ACCT 316 Intermediate Accounting I (3)

Accounting principles for income, investments, asset valuation, financial statement presentation as related to current assets, current liabilities and non-current assets.

*Prerequisites:* Junior standing; ACCT 203, 204.

## ACCT 317 Intermediate Accounting II (3)

Income measurement, valuation, statement presentation and terminology problems as related to liabilities and stockholders equity, changes in capital, pensions, leases, income taxes, accounting changes and error analysis, cash versus accrual, incomplete data problems and related contemporary financial accounting issues.

*Prerequisites:* Junior standing; ACCT 203, 204, 316.

## ACCT 336 Governmental and Not-for-Profit Accounting (3)

The accounting principles used by state and local governmental units and financial and tax accounting issues facing not-for-profit organizations such as hospitals, colleges and voluntary health and welfare organizations are examined.

*Prerequisites:* Junior standing; ACCT 203, 204.

## ACCT 341 Federal Taxation I (3)

A study of federal income taxation as applied to individuals and sole proprietorships.

*Prerequisites:* Junior standing; ACCT 203, 204.

## ACCT 342 Federal Taxation II (3)

A study of federal taxation as applied to partnerships, corporations, trusts and exploration of federal gift and estate taxes.

*Prerequisites:* Junior standing; ACCT 203, 204, and 341.

## ACCT 360 Special Topics in Accounting (1-3)

An in-depth treatment of a current area of special concern within the field of accounting.

*Prerequisites:* Junior standing, and other prerequisites as required.

## ACCT 409 Auditing Theory (3)

Role of independent auditors, their legal responsibilities, professional ethics, auditing standards, internal control, statistical sampling, basic auditing techniques and limited consideration of the role of the internal auditor are examined.

*Prerequisites:* Senior standing; ACCT 203, 204, 316; ACCT 317. ACCT 317

co-requisite by permission of the instructor.

## ACCT 444 Accounting Internship (1-3)

A supplemental source of learning to the student's academic program through experiential education. The internship experience will be guided by a learning contract outlining expectations and academic components.

*Prerequisite:* Senior standing as a declared Accounting major in the School of Business and Economics

# African American Studies Courses

## AAST 200 Introduction to African American Studies (3)

This course is an interdisciplinary approach to the African American experience in the United States. Using a model developed by African American Studies pioneer Maulana Ron Karenga that focuses on history, religion, politics, economics, sociology, psychology and the creative arts as the essential topics in the study of the African American experience, this course provides students an understanding of the African American perspective in these areas. Primary sources by African American writers and scholars are also used to support this perspective and introduce students to the latest literature and research on the African American experience.

## AAST 250 Readings in African American Social Science Research (3)

In this course students will analyze African American life and culture using the tools of social science in order to understand and explain the functioning of power in society, the creation and maintenance of oppression, the formation of individual and community identities, and resistance.

## AAST 300 Special Topics (3)

An examination of an area of African American Studies for which no regular course is offered. This course may be repeated for credit if the content is different. The specific content will be listed when the course is offered.

### **AAST 319 Contemporary Constructions of Black Womanhood (3)**

This course is a critical examination of contemporary representations of black women in film, music, and literature. Taking black feminist scholarship as our guide, we will also investigate the ways in which black womanhood is characterized through intersectional racial, sexual, gender, and class identities.

### **AAST 381 African American Studies Internship (1-4)**

An opportunity for students to integrate research with professional experience through supervised field placement in areas related to the study of African American history and culture. Students will produce specific assignments that reflect agreed upon learning goals under the direction of the director of African American Studies or a program faculty member.

*Prerequisites:* The student must have completed AAST 200, have sophomore standing, be an African American Studies minor, and have the permission of the African American Studies director. The student must also be in academic and personal good standing with the College of Charleston.

*Note:* This course may count for humanities or social science credit, depending upon the nature of the internship.

### **AAST 400 Independent Study (3)**

Individually supervised readings and study of some work, problem, or topic in African American studies of the student's interest. A project proposal must be submitted in writing and approved by the director prior to registration for the course.

*Prerequisites:* The student must have completed AAST 200, have sophomore standing, be an African American Studies minor, and have the permission of the African American Studies director. The student must also be in academic and personal good standing with the College of Charleston.

*Note:* This course may count for humanities or social science credit, depending upon the nature of the internship.

### **AAST 401 Capstone in African American Studies (3)**

An intensive reading and writing seminar open to seniors pursuing a major or

minor in African American Studies. This course will create a synthesis of their studies in the field and deepen their skills in AAST research. Interdisciplinary topics will vary, but the curriculum will emphasize current research.

*Prerequisite:* Senior standing; declared major or minor in African American Studies.

## **African Studies Courses**

### **AFST 101 Introduction to African Civilization (3)**

An interdisciplinary survey of the history, geography, literature, culture, politics and economics of the peoples and nations of the continent of Africa.

### **AFST 202 Special Topics in African Studies (3)**

## **Anthropology Courses**

### **ANTH 101 Introduction to Anthropology (3)**

An introduction to the study of humankind, including archaeology, ethnology, linguistics and biological anthropology.

### **ANTH 109 Special Topics in Anthropology (1-4)**

Occasional courses offered at the introductory level on subjects of interest in anthropology to students and faculty that are not included in the regular course offerings.

### **ANTH 201 Cultural Anthropology (3)**

A comparative review of the principles used in social organization among various peoples of the world. Non-Western societies and their transformations through contact with the West will be examined.

### **ANTH 202 Introduction to Archaeology (3)**

An introduction to basic theory and methods in the archaeological recovery and interpretation of past cultural remains.

### **ANTH 203 Introduction to Biological Anthropology (3)**

An introduction to the study of human evolution including a survey of human variation, our relationship to other primates and the interaction of biology and culture.

### **ANTH 205 Language and Culture (3)**

A study of language in its social and cultural context. Relationships between language and the transmission of meaning, world view and social identity will be examined.

### **ANTH 210 Development of Anthropological Thought (3)**

A survey of major theories that anthropologists use to explain human social and cultural behavior. Recommendation - should be taken within first 15 hours of the major.

*Prerequisite:* ANTH 101 or permission of the instructor.

### **ANTH 290 Anthropology Field Experience (1-3)**

Anthropological field experience to be paired with appropriate course where the classroom study of anthropology will benefit from supplemental experiences outside the classroom or where more individualized instruction is necessary in a lab/field setting.

### **ANTH 302 Archaeology of North America (3)**

A survey of what is known archaeologically of the diverse prehistoric societies of North America from first settlement before 12,000 B.C. up to European contact and beyond.

*Prerequisite:* ANTH 101 or ANTH 202 or permission of the instructor.

### **ANTH 303 Paleolithic Archaeology (3)**

This course entails a survey of human cultural evolution from its earliest beginnings until the end of the Pleistocene Ice Ages (2.5 mya – 10,000 years ago). The basis for the course is a culture history for Pleistocene archaeological materials in two principal regions: Africa and Europe. In addition to a culture history, processual issues such as the origins of culture, the evolution of cognitive behavior and changing human land use patterns will be discussed in some detail.

*Prerequisite:* ANTH 101 or ANTH 202 or permission of the instructor.

**ANTH 304 Rise of Complex Civilization (3)**

Using the archaeological record, Rise of Complex Civilization surveys human cultural evolution leading up to the rise of complex society after the Pleistocene (10,000–3,000 BP). The basis of the course is a culture history for early/pre-farming cultures in the Near East and Europe. In addition to a culture history, processual issues such as the nature of post-Pleistocene human adaptations, the origins of food production, the spread of agriculture, the rise of stratified societies and the development of complex political organizations will be considered in detail.

*Prerequisite:* ANTH 101 or ANTH 202 or permission of the instructor.

**ANTH 305 Prehistoric Ritual and Art (3)**

This course examines prehistoric forms of ritual and art, their interpretation, and their evolutionary and behavioral significance within an archaeological framework. Students are introduced to prehistoric ritual and art throughout the Old and New Worlds – their form, content, and chronological evolution. This course reviews and assesses competing interpretive frameworks, with emphasis on understanding the social and ideological context within which prehistoric ritual and art were produced and comprehended.

*Prerequisite:* ANTH 101 or a 100-level ARTH course or ANTH 202 or permission of the instructor.

**ANTH 306 Historical Archaeology (3)**

An introduction to the archaeology of recent sites for which we have some written documentation, focusing upon how archaeologists interpret these sites using two separate but equal classes of information: archaeological artifacts (especially ceramics) and historical documents, with the goal of understanding past lifeways.

**ANTH 307 Southeastern Prehistoric Archaeology (3)**

The course examines prehistoric cultures of the Southeastern US from the first migrations to European contact. The class proceeds in a traditional, chronological fashion from Paleo through Contact periods with an emphasis on recent

archaeological discoveries and interpretations and current questions and controversies within each time frame.

**ANTH 309 Special Topics in Archaeology (1-4)**

Occasional courses offered on subjects of archaeological interest to students and faculty that are not included in the regular course offerings.

*Prerequisite:* ANTH 101 or ANTH 202 or permission of the instructor.

**ANTH 314 Anthropological Perspective on Time (3)**

An examination of the various conceptions of time to be found in different cultures. Particular attention will be paid to the way different cultural conceptions of time are related to ecology, subsistence and social organization.

*Prerequisite:* ANTH 101 or permission of the instructor.

**ANTH 318 Theories for the Origin of Agriculture (3)**

An examination of the development of agriculture from hunting and gathering to food production and its association with the development of "civilization." Theories for the origin of agriculture with particular attention to demographic arguments and co-evolutionary perspectives will be studied.

*Prerequisite:* ANTH 101 or permission of the instructor.

**ANTH 319 Special Topics in Anthropology (1-4)**

Occasional courses offered on subjects of interest to students and faculty that are not included in the regular course offerings.

*Prerequisite:* ANTH 101 or permission of the instructor.

**ANTH 320 Peoples and Cultures of North America (3)**

A survey of the pre- and post-contact history of Native American peoples in the major cultural areas of North America.

*Prerequisite:* ANTH 101 or permission of the instructor.

**ANTH 322 Peoples and Cultures of Africa (3)**

A review of the major socio-cultural developments in prehistoric and historic Africa.

*Prerequisite:* ANTH 101 or permission of the instructor.

**ANTH 323 African American Society and Culture (3)**

A survey of African American society and culture beginning with the African homeland and ending with an exploration of contemporary issues facing New World African communities.

*Prerequisite:* ANTH 101 or permission of the instructor.

**ANTH 325 Peoples and Cultures of Latin America (3)**

A review of major socio-cultural developments in Latin America, past and present. Emphasis will be placed on Mesoamerica.

*Prerequisite:* ANTH 101 or permission of the instructor.

**ANTH 326 Peoples and Cultures of Europe (3)**

A review of major socio-cultural developments in historic and modern Europe. Emphasis will be placed on modern peasant societies.

*Prerequisite:* ANTH 101 or permission of the instructor.

**ANTH 327 Peoples and Cultures of the Caribbean (3)**

An examination of the history of the people of the Caribbean and the development of their diverse cultural traditions.

*Prerequisite:* ANTH 101 or permission of the instructor.

**ANTH 328 Aztecs, Maya, and Their Ancestors (3)**

This course is a multi-disciplinary approach to the study of Mesoamerica (Mexico and Central America) up to, and including, the arrival of the Spaniards in 1519. Although beginning with the peopling of this hemisphere, the emphasis is on the advanced civilizations of the Olmec, Teotihuacanos, Zapotec, Mixtec, Maya and Aztec.

*Prerequisite:* ANTH 101 or ANTH 202 or permission of the instructor.

**ANTH 329 Special Topics: Geographic Areas (3)**

A survey of the major socio-cultural developments of a particular geographic area from a prehistoric, historic and modern view.

*Prerequisite:* ANTH 101 or permission of the instructor.

**ANTH 333 Human Evolution (3)**

A review of the evidence for human evolution from nonhuman primate ancestors to the end of the Paleolithic. Emphasis will be placed on the fossil and archaeological evidence for human biocultural evolution over the past two million years and the methods used to test evolutionary hypotheses about our origins.

*Prerequisite:* ANTH 101 or BIOL 102 or GEOL 105 or ANTH 203 or permission of the instructor.

**ANTH 335 Primate Behavior and Evolution (3)**

A survey of the behavior and ecology of the Order Primates, with special emphasis on the evolution and adaptive value of behavior. Another major theme is a critical perspective on the use of nonhuman primates as models for human biology and behavior with an attempt to place such studies in an appropriate context.

*Prerequisite:* ANTH 101 or BIOL 102 or PSYC 103 or ANTH 203 or permission of the instructor.

**ANTH 336 Osteology and Forensics (3)**

Students will obtain knowledge of the anatomy of the human skeleton, including the identification, and analysis of fragmentary skeletal material. Students will be introduced to basic, forensic analyses by participating in a Forensic Anthropology project consisting of labeling, cataloguing, aging and sexing a box of skeletal materials of a forensic case from our collection.

**ANTH 340 Medical Anthropology (3)**

This course is the cross-cultural study of health, illness, and healing. Topics discussed in this course include the ecology of health and disease; changing patterns of birth, disease, death and nutrition; ethnomedicine and medical specialists; and evolutionary medicine.

*Prerequisite:* ANTH 101 or ANTH 203 or permission of the instructor.

**ANTH 341 Culture and the Individual (3)**

A comparative study of personality, child rearing, cognition, mental disorders, altered states of consciousness and gender identity. Theory and research methods of psychological anthropologists will also be examined.

*Prerequisite:* ANTH 101 or PSYC 103 or permission of the instructor.

**ANTH 342 Human Behavior and Evolution (3)**

This course examines human behavioral diversity from an evolutionary perspective including topics such as human behavioral ecology, parental investment, paternal certainty, menopause, senescence, health and illness and religion.

*Prerequisite:* ANTH 101 or 203 or permission of the instructor.

**ANTH 345 Applied Anthropology (3)**

An examination of the practical uses of anthropological methods, concepts and theories to bring about technological, cultural, economic or social change.

*Prerequisite:* ANTH 101 or permission of the instructor.

**ANTH 346 Anthropology of Gender (3)**

An examination of male and female gender roles in society from a cross-cultural perspective.

*Prerequisite:* ANTH 101 or WGST 200 or permission of the instructor.

**ANTH 352 Folklore of Ireland and the British Isles (3)**

This course assesses how anthropologists use folklore to theorize about the complexities of human experience. Classic debates, theoretical approaches and strategies of interpreting folklore are examined. Irish cultural forms such as religious beliefs and practices, verbal art, material culture and music are explored.

*Prerequisite:* ANTH 101 or permission of the instructor.

**ANTH 353 Cultural and Social Contexts of Education (3)**

This class examines the cultural and social context of teaching and learning within and outside of schools,

emphasizing the interplay of language, learning, culture, and social structures. The course focuses on education in the United States and abroad to both make the familiar strange and the strange familiar.

*Prerequisites:* ANTH 101 or instructor permission.

**ANTH 356 Anthropological Perspectives on Religion (3)**

A comparative perspective on religion as a system of spiritual beliefs and practices found in all cultures. Particular attention will be given to the way in which a culture's religion is related to its environment, subsistence activities and social organization. Theories on the origin and nature of religion will be discussed.

*Prerequisite:* ANTH 101 or permission of the instructor.

**ANTH 362 Social and Cultural Change (3)**

A cross-cultural comparative study of theories on social and cultural change, socioeconomic development, micro- and macro-change, culture change and the world system and globalization. This course draws upon ethnographic examples and case studies from all over the world.

*Prerequisite:* ANTH 101 or permission of the instructor.

**ANTH 381 Internship (1-6)**

An opportunity for students to have a supervised field placement in areas related to the field of anthropology such as museums, marine archaeology and urban archaeology.

*Prerequisites:* Completion of at least 6 hours in the anthropology major or minor, GPA of 3.0 in anthropology, an overall GPA of 2.5, and permission of the instructor. (Course prerequisites may vary depending on the nature of the placement.)

**ANTH 382 Student Research Apprenticeship in Anthropology (1-6)**

Qualified students supervised by faculty engage in collaborative research with faculty. Activities may include interviews, observations, data collection and analysis; interpreting data, writing articles and presenting research at

professional conferences. Repeatable up to 6 hours.

*Prerequisites:* GPA of 3.0 in anthropology, a major or minor in anthropology, and permission of instructor. Other course prerequisites may vary depending on the nature of the apprenticeship project.

### **ANTH 383 Student Academic Apprenticeship in Anthropology (1-6)**

Qualified students selected and supervised by faculty engage in activities that facilitate teaching and learning in specific course(s). Activities may include helping with in-class activities and labs, holding discussion or review sessions and answering students' questions. Repeatable up to 6 hours.

*Prerequisites:* GPA of 3.0 in anthropology, a major or minor in anthropology, and permission of instructor. Other course prerequisites may vary depending on the nature of the apprenticeship project.

### **ANTH 399 Tutorial (3, Repeatable up to 12)**

Individual instruction given by a tutor in regularly scheduled meetings (usually once a week).

*Prerequisites:* Completion of at least 6 hours in the anthropology major or minor and permission of the instructor and the department chair.

### **ANTH 490 Independent Study (1-3)**

Individually supervised readings and study of some anthropological work, problem or topic of the student's interest.

*Prerequisites:* Completion of at least 6 hours in the anthropology major or minor, GPA of 3.0 in anthropology, an overall GPA of 2.5, and permission of the instructor.

### **ANTH 491 Research Methods (3)**

This course reviews a variety of ways in which anthropological research is conducted because this department supports the four field approach to the study of anthropology. Particular topics and approaches that will be emphasized may vary.

*Prerequisites:* ANTH 101 and ANTH 210 or permission of the instructor.

### **ANTH 492 Seminar in Anthropology (1-3)**

An overview of various theoretical areas of anthropology, with stress on student research and methodology.

*Prerequisites:* ANTH 101 and any 200-level course or permission of the instructor.

### **ANTH 493 Field School in Archaeology (8)**

A comprehensive archaeological field school that meets Register of Professional Archaeologists' standards. Students will participate in ongoing research conducted by The Charleston Museum and will receive systematic in-depth training in all phases of basic archaeological field research including surface survey, excavation, map construction, photography, data interpretation and artifact processing and analysis. Continuous eight-hour/day participation from first day of Maymester through the last day of the Summer I is required for the eight hours of credit.

*Prerequisite:* ANTH 202 or permission of the instructor.

### **ANTH 494 Field Work (3-8)**

This course offers students a hands on field work opportunity in one of the four fields of anthropology; archaeology, biological, cultural or linguistic anthropology. Course credits reflect number of hours in the field (minimum 200 hours).

*Prerequisite:* Permission of instructor.

### **ANTH 499 Bachelor's Essay (6)**

A year-long research and writing project during the senior year under the close supervision of a tutor from the department. The student must take the initiative in seeking a tutor to help in both the design and the supervision of the project. A project proposal must be submitted in writing and approved by the department prior to registration for the course.

## **Arabic Courses**

### **ARBC 101 Elementary Arabic (4)**

Introduces the fundamental structures of Arabic, with emphasis on acquisition of basic language skills: reading and

listening comprehension, oral and written expression.

*Prerequisite:* Open only to beginning students of Arabic.

### **ARBC 102 Elementary Arabic (4)**

Introduces the fundamental structures of Arabic, with emphasis on acquisition of basic language skills: reading and listening comprehension, oral and written expression.

*Prerequisite:* Placement or ARBC 101.

### **ARBC 201 Intermediate Arabic (4)**

Develops a basic proficiency in Arabic and familiarity with Arabic culture through practice in the use of basic language skills and acquisition of vocabulary.

*Prerequisite:* Placement or ARBC 102.

### **ARBC 202 Intermediate Arabic (4)**

Develops a basic proficiency in Arabic and familiarity with Arabic culture through practice in the use of basic language skills and acquisition of vocabulary.

*Prerequisite:* Placement or ARBC 201.

### **ARBC 290 Special Topics in Arabic (3)**

A study of selected works of famous Arabic writers.

### **ARBC 313 Conversation & Composition I (3)**

Intensive practice in the written and spoken language. Assigned readings and compositions. The course will be conducted primarily in Arabic.

*Prerequisite:* ARBC 202 or placement.

### **ARBC 314 Conversation & Composition II (3)**

Intensive practice in the written and spoken language. Assigned readings and compositions. The course will be conducted primarily in Arabic.

*Prerequisite:* ARBC 313 or placement.

### **ARBC 330 Collateral Study (1-3)**

Individually supervised course of reading Arabic in the subject area of a concurrent course offered by another department. The nature and extent of readings will be determined in consultation among student, instructor of the primary subject-matter course, and the language instructor who will supervise and evaluate the

student's linguistic performance. A collateral study course may be repeated up to maximum of six credit hours in conjunction with other primary courses.

### **ARBC 343 Advanced Arabic Conversation and Composition (3)**

Advanced study of Arabic that provides intensive practice in the spoken and written language. Students will be exposed to a wide range of functional skills as well as sociocultural information necessary for smooth communication in Arabic. Special emphasis will be placed on MSA for writing practice and FSA for speaking.

*Prerequisite:* ARBC 314 or permission of instructor

### **ARBC 390 Special Topics in Arabic (3)**

Intensive study of a particular subject or theme. Specific topics will be listed in the schedule of courses when offered.

### **ARBC 420 Independent Study in Arabic Language (1-3)**

Select readings of study in Arabic language in consultation with a faculty member who will guide the work and determine the hours of credit to be allowed.

*Prerequisites:* ARBC 314 or equivalent, written agreement with instructor and program director permission

*NOTE:* Repeatable up to 6 credit hours.

### **ARST 240 Special Topics In Arabic Studies (3)**

Special Topics in Arabic Studies, taught in English: Studies of specialized topics of broad chronological or thematic range in Arabic Studies for which no regular course is offered. This course may be repeated for credit if the content is different. The specific content will be listed when the course is offered.

### **ARST 100 Introduction to Arab and Islamic World Studies (3)**

This course introduces Arab and Islamic world cultures through readings, audiovisual materials, and videoconferences. We will explore literature, music, art, architecture, Islam and other religions, and everyday life. These expressions will enable us to trace ethnic, religious, and national identities and how they reflect historical trends and evolving social progress.

### **ARST 273 Role of Qur'an in Contemporary Islam (3)**

The course introduces students to key themes of the Quran and its role as the ultimate source of authority for Muslims. The course depicts how the Quran was revealed, transmitted, compiled, disseminated and interpreted. In addition, the course will examine some current, and in some cases controversial, issues (e.g., the role of women in Islam, Jihad, the Islamic view of other religious traditions, etc.) and explore how particular Quranic passages have been cited and interpreted with respect to these issues.

### **ARST 340 Special Topics In Arabic Studies (3)**

Special Topics in Arabic Studies, taught in English: Studies of specialized topics of broad chronological or thematic range in Arabic Studies for which no regular course is offered. This course may be repeated for credit if the content is different. The specific content will be listed when the course is offered.

### **ARST 420 Independent Study (1-3)**

Select readings or study in Arabic studies in consultation with faculty member who will guide the work and determine the hours of credit to be allowed.

*Prerequisites:* Junior standing; written agreement with instructor and program director permission

*NOTE:* Repeatable up to 6 credit hours.

### **LTAR 220 Modern Arabic Fiction (3)**

Study of selected works, representing major literary periods and genres (short stories and novel excerpts), which illuminate another language and culture or era of a shared human condition.

### **LTAR 221 Islamic World Literature (in English Translation) (3)**

This course presents works in English translation originally composed in Arabic, Persian, and Turkish from the sixth to the fifteenth century A.D. Genres and topics include poetry, prose, epic, Andalusian writings, philosophy, Sufi mysticism, biography of the prophet Muhammad, and pre-Islamic poetry. We will examine the changing roles of literature through these historical periods.

### **LTAR 250 Arabic Literature in (English) Translation (3)**

Study of selected works, representing major literary periods and genres, which illuminate Arabic culture.

### **LTAR 270 Studies in Arab Cinema (3)**

This course examines contemporary Arab cinema and treats the different artistic trends and socio political issues that it depicts in different Arab countries. The course assesses critically and analytically films made across the Arab world to define the overarching artistic features of cinema in each of the countries represented by films studied.

### **LTAR 350 Arabic Literature in (English) Translation (3)**

Study of selected works by an Arabic author whose influence is felt in the world at large

### **LTAR 382 Arab Women Writers (3)**

Students read and discuss representative works by Arab women, written originally in Arabic. Works include fiction, autobiography, poetry, and treatises of social change. While the course focuses on the twentieth and twenty-first centuries, earlier contextual selections from the Qur'an, as well as early Islamic and pre-Islamic poetry will be explored.

### **LTAR 450 Arabic Literature in (English) Translation (3)**

A study of selected works by the major authors representing different cultures with emphasis on common themes as viewed from perspectives of these writers.

## **Archaeology Courses**

### **ARCH 400 Archaeological Internship (2-6)**

An opportunity for students to have a supervised field placement in areas related to the field of archaeology.

*Prerequisites:* Completion of at least 6 hours in the archaeology minor, a GPA of 2.0 in archaeology, an overall GPA of 2.0, and permission of the Director of Archaeology. (Course prerequisites may vary depending on the nature of the placement.)

# Art History Courses

## **ARTH 101 History of Art: Prehistoric Through Medieval (3)**

A combined visual and historical survey of Western art from prehistoric through medieval times. The techniques, forms, and expressive content of painting, sculpture, and architecture will be studied within the context of the cultural environment in which they were produced.

## **ARTH 102 History of Art: Renaissance Through Modern (3)**

A combined visual and historical survey of Western art from Renaissance through Modern times. The techniques, forms, and expressive content of painting, sculpture, and architecture will be studied within the context of the cultural environment in which they were produced.

## **ARTH 103 History of Asian Art (3)**

An introduction to the visual arts of Asia, with an emphasis on India, China, and Japan. The techniques, forms, and expressive content of architecture, sculpture, and painting will be studied within the context of the cultural environment in which they were produced.

## **ARTH 104 Themes in the History of Art (3)**

A thematic introduction to the visual arts from the earliest civilizations to the contemporary period. The form and content of painting, sculpture, and architecture will be studied through a series of themes and purposes, superseding the usual historical and chronological framework of the traditional art history survey.

## **ARTH 105 Introduction to Architecture (3)**

A survey of the history of Western architecture from Ancient Mesopotamia to the 21st century that will analyze architecture in terms of function, structure, form, and cultural and historical context.

## **ARTH 190 Special Topics in Art History (3)**

Special topics at the introductory level of art history.

## **ARTH 205 Pre-Columbian Art and Culture (3)**

Study of the artistic culture of the Americas from its origin until the 16th-century encounter of indigenous pre-Columbian peoples with Europeans. Concentration will be focused upon Mesoamerican civilizations (including the Olmec, Teotihuacanos, Zapotecs, Maya, Toltecs, and Aztecs) and upon Andean civilizations (including Chavin, Moche, and Inca). The course will survey the development and evolution of artistic forms, technique, and iconography in the "New World" and emphasize the cultural, religious, and political context in which works of art and architecture were produced.

## **ARTH 210 African Art (3)**

A review of African art, emphasizing traditional sub-Saharan sculptural forms, their aesthetic characteristics and cultural context. Briefer references will be made to other major traditions (possibilities include Egypt, Ethiopia, the Maghreb, Madagascar, Islamic traditions, prehistoric art).

## **ARTH 220 History of Greek and Roman Art (3)**

A study of Greek art from the Minoan civilization through the Hellenistic period, and of Roman art from the Republic through the Empire.

## **ARTH 225 Medieval Art (3)**

A study of medieval art from the 3rd to the 15th century, including Early Christian and Byzantine art, Early Medieval, Romanesque, and Gothic art. Topics will include the development of religious architecture, monumental sculpture, small-scale sculpture in precious materials, mosaics, painting and manuscript illumination.

## **ARTH 241 History of the Art of India (3)**

A study of the architecture, sculpture and painting of South Asia from the Indus Valley Civilization to the 20th century, with emphasis on historical, social and religious context. Topics include the prehistoric era, early Buddhist architecture and sculpture, Hindu temples

and related arts, rock-cut architecture, and painting traditions of the Islamic and Rajput courts and the colonial and contemporary eras.

## **ARTH 242 History of the Art of China (3)**

A study of the arts of China from the Neolithic period through early modern times, with emphasis on historical, social, and religious context. Topics include Neolithic pottery traditions, funerary art of the Shang through Han dynasties, the Buddhist art of China and Chinese painting and ceramics.

## **ARTH 243 History of the Art of Japan (3)**

A study of the arts of Japan through early modern times, with emphasis on historical, social, and religious context. Topics include ceramic and architectural traditions of prehistoric Japan, Buddhist architecture, sculpture, and painting; development of the "Japanese Style," Zen art, and the popular art of woodblock prints in pre-modern Japan.

## **ARTH 250 American Art (3)**

A survey of American architecture, sculpture, and painting from colonial times to the present, with an emphasis on the relationships of American art to European art, and of American artists to their public.

## **ARTH 255 Latin American Colonial Art (3)**

An examination of the art and architecture produced in Latin America from colonial times to the modern era. Concentration will be upon the architecture, sculpture, painting and folk arts produced in both the Spanish and Portuguese "new world" colonies from the 16th century until independence in the 19th century. Attention will also be directed toward a broad survey of modern Latin American artistic movements and discussion of how selected modern artists continue to confront the legacy of the colonial past.

## **ARTH 260 Addlestone Seminar on the Arts and Culture of the Lowcountry (3)**

Topics related to Lowcountry arts and culture may include Charleston architecture, historic preservation planning, garden and landscape architecture, etc. Maymester



**ARTH 265 The City as a Work of Art (3)**

This course examines the characteristic elements of historical urban form, explaining their presence and meaning, and looking at the ways in which they were modified over time and space. Not a course in urban history, this is, rather, a study of the history of urbanism, dealing with the physical forms of the urban environment, primarily in Europe and the New World.

**ARTH 275 The History of Land Design (3)**

This course deals with the history of landscape architecture, including urban spaces such as city parks, urban plazas, and both formal and vernacular non-urban landscapes. The course will explore the designs and wider meanings of both Western and non-Western landscapes through human history. Cross-listed with HPCP 275.

**ARTH 277 Renaissance Art (3)**

A study of European art from the 13th through the 16th century, concentrating on the concept of the Renaissance. The works will include painting, sculpture and architecture. Analysis of visual styles and historical context will be emphasized.

**ARTH 280 History of Baroque Art (3)**

Study of the diverse stylistic developments of 17th-century European painting and sculpture. Concentration will be on the major masters of the period, including Caravaggio, Bernini, Rubens, Poussin, Velázquez, Rembrandt, and Vermeer.

**ARTH 285 Modern Art (3)**

An exploration of modern art in Europe from approximately 1850 to 1940, the classic period of modernism. The course will focus on the works of art, artists, and critical terms that are central to understanding modern art – including the importance of formal style, viewer interpretation and the innovation and development of abstraction.

**ARTH 287 New Media in Contemporary Art (3)**

This course is an examination of new media in contemporary art: what it is, how and why it developed, and how we interpret it within the context of art history. Since the 1950s and the

development of computational technology, artists have used the material of code and the structure of algorithms to create art. We will take a thematic approach to issues in new media, and explore how artists are using the possibilities and materials of this rapidly developing technology.

**ARTH 290 Selected Topics in Art History (3)**

Special topics of broad geographical or chronological areas of art history such as African art, art of the '60s, and various travel abroad courses. May be repeated for credit with differing topics.

**ARTH 293 Introduction to Film Art (3)**

This course combines film studies with practical aspects of film/video production. Students will view, discuss, and write critical essays on the works of major filmmakers, and may elect to work on creative projects of directing and acting for the camera.

**ARTH 299 Research and Methods in Art History (3)**

A seminar required for art history majors as an overview of the major methodologies in the history of art, emphasizing critical reading and writing (to be taken in either sophomore or junior year).

*Prerequisite:* Six hours of art history, cannot be taken the senior year, or permission of the instructor.

**ARTH 301 Studies in Ancient and Medieval Art (3)**

Studies of specialized topics in art and architectural history in the field of Ancient and Medieval art (such as "Roman Art and Imperial Ritual," "Royal Glory and the Idea of Iran," "Medieval Art in Britain and Ireland" or "Medieval Art and Pilgrimage"). Topics may include chronological, geographical or thematic studies within the field.

*Note:* Repeatable up to 9 credits

*Prerequisite:* Permission of the instructor or six (6) hours of art history or ARTH 299.

**ARTH 303 Studies in Renaissance and Baroque Art (3)**

Studies of specialized topics in art and architectural history in the field of Renaissance and Baroque arts (such as "Venetian Painting," "Northern

Baroque," "Roman Baroque Painting" or "Caravaggio and His Followers"). Topics may include chronological, geographical or thematic studies within the field.

*Note:* Repeatable up to 9 credits.

*Prerequisite:* Permission of the instructor or six (6) hours of art history or ARTH 299.

**ARTH 306 Studies in Modern, Contemporary, and Film Arts (3)**

Studies of specialized topics in art and architectural history in the field of modern, contemporary, and film arts (such as "Matisse and Picasso," "New Media in Contemporary Art," "Gender Issues in Contemporary Art," or "Films of the '50s"). Topics may include chronological, geographical or thematic studies within the field.

*NOTE:* Repeatable up to 9 credits.

*Prerequisite:* Permission of the instructor or six (6) hours of art history or ARTH 299.

**ARTH 308 Studies in Asian Art (3)**

Studies of specialized topics in art and architectural history in the field of Asian art (such as "Ramayana Themes in South Asian Art," "Studies in Japanese Woodblock Prints of the Edo Period" or "Modern and Contemporary Art in South Asia"). Topics may include chronological, geographical or thematic studies within the field.

*Prerequisite:* Permission of the instructor or six (6) hours of art history or ARTH 299.

**ARTH 321 Hindu Myth and Image (3)**

This course selectively examines monuments of the Hindu religious tradition in South and Southeast Asia, beginning with the earliest works of Kushana-era India. Works examined include examples of sculpture, architecture, and painting, with a particular emphasis on the relationship between form, symbol, and interpretation.

*Prerequisite:* Permission of the instructor or six (6) hours of art history or ARTH 299.

**ARTH 322 Indian Painting (3)**

This course introduces students to the broad range of painting in South Asia, from the surviving remains of early mural painting in rock-cut temples to the

"miniature paintings" of Mughal, Rajput and Pahari manuscripts of North India, the Colonial period and the 20th century.

*Prerequisite:* Permission of the instructor or six (6) hours of art history or ARTH 299.

### **ARTH 333 Traditional Design and Preservation in Charleston (3)**

This course will introduce students to the many facets of architectural design in traditional modes, and to the use of the design process to foster deeper understanding and appreciation for the historic buildings in Charleston and elsewhere. The course will be taught in a studio format like that used in architecture schools. Student research, design, and presentations will form a significant portion of the course, as will site visits. Lectures will address issues relevant to traditional design, including proportions, ornament nomenclature, architectural theory, and a survey of design precedents. Projects will include wash and charcoal rendering.

### **ARTH 335 History of American Architecture (3)**

A history of architecture in North America. Though beginning with a brief examination of pre-Columbian building and including Canadian examples where useful, the course will focus primarily on American architecture from the period of European settlement to the present.

*Prerequisite:* Permission of the instructor or six (6) hours of art history or ARTH 299 or HPCP 199.

### **ARTH 338 American Vernacular Architecture and Material Culture (3)**

This course explores diverse examples of common architecture and material culture in America from earliest settlements up to the present day. The course will investigate the cultural roots of architectural forms and traditions and will also address such topics as cultural landscapes, the development of building technologies, folklore and folklife, and the relationship of the built environment to the natural environment over time.

*Prerequisite:* Permission of the instructor or six (6) hours of art history or ARTH 299 or HPCP 199.

### **ARTH 339 Historic Home Interiors (3)**

A survey of architectural elements and furnishings within American domestic

interiors, 1607–1950. Lectures focus on specific periods including historical overviews, analysis of characteristic features of houses' composition, plans and interior elements (doors, windows, walls, woodwork, floors, ceilings, staircases, and fireplaces) and the stylistic evolution of furniture relating to the periods.

### **ARTH 340 Selected Topics in Art History (3)**

Studies of specialized topics in art and architectural history.

*Prerequisite:* Permission of the instructor or six (6) hours of art history or ARTH 299.

### **ARTH 350 History of Early Christian and Byzantine Art (3)**

Christian art from the late Roman Empire through the development of the Byzantine style and its influence in Western Europe; a study of the major surviving architectural monuments and mosaics in centers such as Rome, Constantinople, Ravenna, Venice and Sicily, as well as manuscript painting and minor arts.

*Prerequisite:* Permission of the instructor or six (6) hours of art history or ARTH 299.

### **ARTH 355 History of Early Medieval and Romanesque Art (3)**

A study of architecture, sculpture, painting, and minor arts in Western Europe from the 8th through the 12th centuries, including Insular, Carolingian, Ottonian, and Romanesque art.

*Prerequisite:* Permission of the instructor or six (6) hours of art history or ARTH 299.

### **ARTH 360 History of Gothic Art (3)**

A study of Gothic architecture, sculpture, painting, and minor arts in Western Europe from the 12th through the 15th centuries. Concentration will be on the major architectural monuments and their decoration.

*Prerequisite:* Permission of the instructor or six (6) hours of art history or ARTH 299.

### **ARTH 362 History of Medieval Manuscript Illumination (3)**

A study of the development of manuscript illumination from the 5th

century until the replacement of manuscripts by printed books in the 15th century, with an emphasis on the role and function of manuscripts, as well as their decoration.

*Prerequisite:* Permission of the instructor or six (6) hours of art history or ARTH 299.

### **ARTH 365 History of Northern Renaissance Painting (3)**

Study of the development of painting in Northern Europe during the 15th and 16th centuries. Artists to be discussed include Jan van Eyck, Roger van der Weyden, Hieronymous Bosch, Albrecht Dürer, and Peter Brueghel.

*Prerequisite:* Permission of the instructor or six (6) hours of art history or ARTH 299.

### **ARTH 370 History of Italian Early Renaissance Art (3)**

Study of the painting and sculpture produced in Italy during the 14th and 15th centuries. Concentration on major masters such as Giotto, Masaccio, Donatello, Fra Angelico, Piero della Francesca, Castagno, and Botticelli.

*Prerequisite:* Permission of the instructor or six (6) hours of art history or ARTH 299.

### **ARTH 375 History of Italian High and Late Renaissance Art (3)**

Study of the painting, sculpture, and architecture produced in 16th-century Italy. The course will focus upon High Renaissance masters Leonardo da Vinci, Michelangelo and Raphael and the major practitioners of 16th-century Mannerism.

*Prerequisite:* Permission of the instructor or six (6) hours of art history or ARTH 299.

### **ARTH 381 Spanish Baroque Painting and Sculpture (3)**

A detailed study of the major artistic currents and artists active in Spain during the late 16th through 17th centuries (the Golden Age) with emphasis on the historic, social, and religious context of the period. Among the artists to be discussed are El Greco, Ribalta, Ribera, Zurbarán, Martínez, Montañes, Velázquez, and Murillo.

*Prerequisite:* Permission of the instructor or six (6) hours of art history or ARTH 299.

**ARTH 385 History of European Painting, 1700-1850 (3)**

Study of the major artistic movements in European painting from 1700 to 1850; the Rococo; the development of Neoclassicism and Romanticism.

*Prerequisite:* Permission of the instructor or six (6) hours of art history or ARTH 299.

**ARTH 389 19th Century European Art (3)**

This course will consider the major artistic movements and stylistic developments of 19th-century European modernism from 1850 to 1900. Concentration will be on major movements including Realism, Impressionism and Post-Impressionism and artists such as Courbet, Manet, Monet, Van Gogh, and Cézanne.

*Prerequisite:* Permission of the instructor or six (6) hours of art history or ARTH 299.

**ARTH 390 20th Century European Art (3)**

This course will consider the major artistic movements and stylistic developments of 20th-century European modernism from 1900 to 1945. Concentration will be on major movements including Expressionism, Cubism, Dada and Surrealism and artists such as Matisse, Picasso, Kandinsky, and Duchamp.

*Prerequisite:* Permission of the instructor or six (6) hours of art history or ARTH 299.

**ARTH 391 Contemporary Art (3)**

This course examines the art of the contemporary period (from 1945 to present), both American and international, including painting, sculpture, installation, video, performance and body art. In addition to discussion of major artists, movements, and issues, the theoretical and critical reception of contemporary art will also be explored.

*Prerequisite:* Permission of the instructor or six (6) hours of art history or ARTH 299.

**ARTH 392 The Camera and Visual Perception (3)**

A study of photography as a visual art form; its interaction with the other arts,

especially painting; the evolution of cinematography and the effects of these art forms on the history of modern art.

*Prerequisite:* Permission of the instructor or six (6) hours of art history or ARTH 299.

**ARTH 394 History of 18th- and 19th-Century Architecture (3)**

Beginning with the new awareness of the past that arose in mid-18th century in Europe, this course will trace the development of Western architecture through the 1893 Columbian Exposition in Chicago. Traditional style and technological innovation will be given equal weight.

*Prerequisite:* Permission of the instructor or six (6) hours of art history or ARTH 299.

**ARTH 395 History of 20th-Century Architecture (3)**

A study of modern architecture from 1885 to the present, concentrating on the American contributions of Sullivan and Wright, the European modernists, Gropius, Mies van der Rohe, Le Corbusier and post- World-War-II developments.

*Prerequisite:* Permission of the instructor or six (6) hours of art history or ARTH 299.

**ARTH 399 Tutorial: Art History (3, Repeatable up to 12)**

Individual instruction given by a tutor in regularly scheduled meetings.

*Prerequisites:* Open only to students enrolled in the Honors College. Junior standing, plus permission of the tutor, tutorial committee, and the department chair.

**ARTH 410 Internship in Art History (1-6)**

Internships are intended to provide the opportunity for the student to apply knowledge and skills learned during a normal course of study to actual situations encountered in work with area arts or preservation organizations. Interested students should contact the faculty internship director for specific placement opportunities and application information. Only junior and senior students with GPAs of 3.0 or better in the major are eligible.

**ARTH 415 Advanced Seminar in Art and Architectural History (3)**

An advanced seminar in a specific area of art history, requiring a research paper and oral presentations by the student. Successful completion of this course is a requirement for completion of the major in art history. Topics will vary depending on the member of the art history faculty directing the seminar.

*Prerequisite:* ARTH 299, senior standing, or permission of the instructor.

**ARTH 490 Independent Study in Art History (3)**

A qualified student who has taken appropriate preparatory courses in one area or problem of art and/or architectural history determines a project to research and write about in consultation with and under the supervision of a departmental member qualified to guide the work. The student will be expected to produce a thorough research paper and to make a public presentation at the end of the semester in which he or she is enrolled.

*Prerequisites:* Student must be a junior or senior art history major with an overall GPA of at least 3.00 and an art history GPA of at least 3.3.

## Arts Management Courses

**ARTM 200 Introduction to Arts Management (3)**

This course covers the basic principles, concepts, processes, and practices relating to organizations in the arts industry including structure of the arts industry and specifically nonprofits, organization structures, planning, leadership, staffing, financial management, economic impact, fundraising, advocacy, and marketing development.

**ARTM 210 Introduction to the Music Industry (3)**

This course is particularly valuable for students with career interests in the music business. It provides an overview of the music industry; development of the artist-manager relationship; development of an artist's career plan/image; negotiating contracts; booking; promotion; recording

demos; music distribution; new technologies: sound/light enhancements.

### **ARTM 240 Gallery Fundamentals (3)**

This course combines academic and practical applications of gallery studies. Students gain an increased understanding of exhibition venues from a local and national perspective, including: commercial, nonprofit, and museum galleries. Students also acquire basic practical skills for mounting exhibitions, as well as experience in research and presentation. The purpose of this course is for students to acquire a well-informed understanding of the professional expectations and functions of the gallery.

*Prerequisite:* ARTH 102 or ARTH 104 or ARTH 285 permission of the instructor.

### **ARTM 310 Advanced Arts Management (3)**

Students in this course apply the principles, concepts, processes, and practices learned in the introductory course to the creation and management of various types of nonprofit arts organizations including such aspects as planning, evaluation, programming, special events, financial planning, marketing, fundraising, and proposal writing.

*Prerequisite:* ARTM 200 or permission of the instructor.

### **ARTM 325 Understanding Creativity (3)**

This course will explore the anatomy of the creative process by observation and participation in the visual, performing, media, and literary arts. The importance of intuition, thinking skills, risk taking, problem solving, and collaboration will be stressed.

### **ARTM 330 Music in the Marketplace (3)**

This course will introduce students to the CD release process of recording, manufacturing, distribution, and promotion. Emphasis will be on the legal and financial challenges faced by small labels, how labels and musicians work together in the new music marketplace, the development of skills to help manage artists, and the use of social media marketing.

*Prerequisites:* ARTM 210 or permission of the instructor

### **ARTM 340 Arts Financial Management (3)**

A study of the financial aspects of nonprofit arts organizations to include budgeting, earned and unearned income, fund management, accounting systems, financial statements, bookkeeping systems, cash management, reporting requirements, cost-benefit analysis, and financial decision-making.

*Prerequisites:* ARTM 200, ARTM 310 and ACCT 203 or permission of the instructor.

### **ARTM 350 Fund Raising and Grant Writing for the Arts (3)**

This course will explore the elements, processes and management of philanthropy, fund raising, and development in terms of generating earned revenue, and raising funds from public and private contributed income sources and grant writing among artists, arts managers, non-profit arts organizations, and artistic enterprises.

*Prerequisite:* ARTM 310.

### **ARTM 352 Fundraising Event Creation, Planning and Execution For Nonprofit Arts Organizations (3)**

This course will provide students with a hands-on learning arts fundraising event development and management experience. Working as a group and in sub-committees, students will implement a special fundraising event either in conjunction with the School of the Arts or with an outside arts non-profit. The project will encompass the full range of tasks related to an event, including initial research and planning, logistics, marketing, location, staffing, budgeting, and post-event evaluation/follow up.

*Prerequisites:* ARTM 200, ARTM 310, ARTM 350

### **ARTM 360 Special Topics in Arts Management (3)**

Special topics courses such as Theatre and Performance Management, Arts Education, and Grants Writing and Fundraising are offered periodically to supplement program electives. Please check each semester's list of arts management special topics courses.

### **ARTM 362 Events Management (3)**

Focuses on the cultural origins and significance of celebration within society;

an introduction to management of special events and festivals from initial planning through delivery; questions of event feasibility; costing and financial management; assessing and meeting communication objectives; merchandising and marketing; staffing and task analysis; safety and security; debriefing and evaluation.

*Prerequisites:* Junior standing; ACCT 203; HTMT 210 or ARTM 200; or permission of the instructor.

### **ARTM 370 Arts Marketing and Public Relations (3)**

Students will analyze and develop market research and learn practices to increase cultural participation and develop arts audiences. We will assess current and potential audiences and demographics, examine lifestyle, leisure time habits, national and international trends and social values, and participate in different types of arts experiences.

*Prerequisite:* ARTM 200, ARTM 310, MUSC 131, THTR 176; and ARTH 101 or 102 or 103

### **ARTM 380 Independent Study in Arts Management (3)**

A study, reading, or research project concerning subject matter not available in other college courses.

*Prerequisites:* Junior standing, ARTM 200, 310, and written agreement with the student and the instructor.

### **ARTM 400 Internship in Arts Management (3)**

Provides students an experiential learning and research opportunity with a sponsoring arts-oriented organization.

*Prerequisites:* Junior standing, ARTM 310 and permission of faculty.

### **ARTM 420 Policy in the Arts (3)**

An exploration of the role of federal, state, and local government and the private sector in arts and public policy development. Policy issues include arts education, arts advocacy, freedom of artistic expression, tax policy, cultural equity, and the applications of policy decisions on organizational missions, strategic planning, ethics, boards of directors and organizational management.

*Prerequisites:* Junior standing, ARTM 310, 340, 350

**ARTM 499 Bachelor's Essay (6)**

A year-long research and writing project done during the senior year in consultation with and under the supervision of a faculty advisor. The student must take the initiative in seeking a faculty advisor to help in both the design and the supervision of the project. A project proposal must be submitted in writing and approved by the department prior to registration for the course.

*Prerequisites:* Senior standing and departmental approval.

## Asian Studies Courses

**ASST 101 Introduction to Asian Studies (3)**

The course is an interdisciplinary introduction to Asia through an examination of history, geography, religion, literature, visual art, politics, and economics. The topics will range from early traditions and foundations to the 20th century, with a brief introduction to the Asian-American experience. Members of the faculty with expertise in various aspects of Asia will participate in the course.

**ASST 105 Value and Tradition in Asian Civilizations (3)**

The course will explore the motivating values found in the religious traditions of Hinduism, Buddhism, Confucianism, and shamanism. Designed around major conceptual themes, such as diversity of religious experience; asceticism and monastic life; death, the afterlife, and ancestor worship; ritual and image veneration; gender and sexuality; and the effects of modernization on religions today, the course will follow an easterly route from India to China to Japan.

**ASST 240 Special Topics in Asian Studies (3)**

Studies of specialized topics in Asian Studies. These will be usually cross-listed with courses offered in one of the disciplines taught by Asian Studies faculty. The specific topic will be listed when the course is offered.

**ASST 340 Special Topics in Asian Studies (3)**

Studies of specialized topics in Asian Studies. These will be usually cross-listed with courses offered in one of the disciplines taught by Asian Studies faculty. The specific topic will be listed when the course is offered.

**ASST 390 Independent Study/ Asian Studies (3)**

Students may, with the permission and under the direction of the Director of Asian Studies and appropriate faculty, develop and conduct independent projects in Asian Studies, either on campus or as a part of a study abroad program.

## Astronomy Courses

**ASTR 129 Astronomy I (3)**

An introduction to astronomy. Subjects covered are a brief history of astronomy, coordinates, time, the earth's structure and motion, instruments used in astronomy, the moon, eclipses, comets, meteors, interplanetary medium, stars (binary, variable), star clusters, interstellar matter, galaxies and cosmology. Lectures three hours per week. Students who have passed HONS 390(I), Honors Astronomy, first semester will not receive credit for ASTR 129.

*Prerequisite:* A working knowledge of high school algebra is assumed.

*Co-requisite:* ASTR 129L

**ASTR 129L Astronomy I Laboratory (1)**

A laboratory program to accompany ASTR 129. Laboratory three hours per week.

*Co-requisite:* ASTR 129.

**ASTR 130 Astronomy II (3)**

A continuation of ASTR 129. Lectures three hours per week. Students who have passed HONS 390(II), Honors Astronomy, second semester will not receive credit for ASTR 130.

*Prerequisites:* ASTR 129 and 129L. A working knowledge of high school algebra is assumed.

*Co-requisite:* ASTR 130L

**ASTR 130L Astronomy II Laboratory (1)**

A laboratory program to accompany ASTR 130. Laboratory three hours per week.

*Prerequisites:* ASTR 129 and 129L. A working knowledge of high school algebra is assumed.

*Co-requisite:* ASTR 130.

**ASTR 205 Intelligent Life in the Universe (3)**

A general survey of the topic, stressing the interrelations between the fields of astronomy, physics, chemistry, biology, geology and philosophy. Topics include the physical setting for origin and evolution of life, existence of such conditions elsewhere, possible number of extraterrestrial civilizations, possibility of contact and implications of an encounter. Lectures three hours per week.

**ASTR 206 Planetary Astronomy (3)**

The nature of the origin, evolution, and current state of the solar system and extrasolar systems are reviewed. Celestial mechanics, planetary interiors, atmospheres and solar system debris are covered in depth. Lectures three hours per week.

*Prerequisite:* PHYS 111 (PHYS 101 and MATH 120 may substitute for PHYS 111 with permission of the instructor).

**ASTR 210 Black Holes in the Universe (3)**

Properties of black holes and observations of objects that might harbor them. Topics include Einstein's special and general relativity, stellar evolution, black hole detection, accretion and outflows, gravitational waves, the Hawkings effect, singularities and the possibility of creating mini black holes in the laboratory. (For non-science majors.)

*Prerequisite:* ASTR 130 or PHYS 102 or PHYS 112 or HONS 158

**ASTR 260 NASA Space Mission Design (2)**

Students work on teams with engineering students at another university to design unmanned NASA satellite missions. Student teams interactively participate through presentations, assigned readings, on-line discussions, classroom exercises and dynamic activities, and compete for

best mission with final projects being evaluated by a panel of NASA experts.

*Prerequisites:* ASTR 130 or ASTR 206 or HONS 160 or GEOL 206 or PHYS 102 or PHYS 112 or HONS 158 or permission of instructor.

*Co-requisites:* ASTR 260L/GEOL 260L/PHYS 260L or ASTR 460L/GEOL 460L/PHYS 460L

### **ASTR 260L NASA Space Mission Design Lab (1)**

Lab students work on teams with engineering students at another university to design unmanned NASA satellite missions. Student teams interactively participate through presentations, assigned readings, on-line discussions, classroom exercises and dynamic activities, and compete for best mission with final projects being evaluated by a panel of NASA experts.

*Co-requisites:* ASTR 260

### **ASTR 311 Stellar Astronomy and Astrophysics (3)**

The basic concepts of the physics of stars and stellar systems are explored. Topics covered include stellar interiors, stellar atmospheres, stellar spectra, star formation, stellar evolution, stellar remnants, variable stars and binary stars. Lectures three hours per week.

*Prerequisites:* PHYS 230

### **ASTR 312 Galactic and Extragalactic Astronomy (3)**

Structure, kinematics, and dynamics of galaxies including the Milky Way. Galactic evolution, active galaxies and quasars, accretion disks and cosmology.

*Prerequisites:* ASTR 311 and MATH 221 or permission of the instructor.

### **ASTR 377 Experimental Astronomy (4)**

A course designed to emphasize the concepts, principles, and experimental techniques of modern observational astronomy and astrophysics. Topics include astrometry, multi-wavelength instrumentation and imaging, and data analysis techniques. Hands-on projects plus lecture. Observatory work will be required. Scientific report writing will also be required.

*Prerequisite:* PHYS 230 or permission of the instructor.

### **ASTR 410 Black Holes; Advanced Topics (1)**

An augmentation of ASTR 210 requiring calculus and computation. Research topics include using relativity (to explain quasar gravitational lensing, effects of general relativity on GPS satellites, and frame dragging with Gravity Probe B), calculating accretion disk emission spectra, and constraining environments and properties of black holes inhabiting active glacial nuclei.

*Prerequisite:* PHYS 112 or permission of instructor.

*Co-requisite:* ASTR 210

### **ASTR 413 Astrophysics (3)**

Covers the application of physics to problems in stellar atmospheres and interiors, the interstellar medium, and galactic dynamics. Lectures three hours per week.

*Prerequisites:* PHYS 301 and MATH 323 or permission of the instructor.

### **ASTR 460L NASA Space Mission Design Leadership Lab (1)**

Lab students lead local teams and work with engineering students at another university to design unmanned NASA satellite missions. Student teams interactively participate through presentations, assigned readings, on-line discussions, classroom exercises and dynamic activities, and compete for best mission with final projects being evaluated by a panel of NASA experts.

*Prerequisite:* Permission of instructor.

*Co-requisite:* ASTR 260/GEOL 260/PHYS 260

## **Athletic Training Courses**

### **ATEP 245 Athletic Injury Prevention and Management (3)**

An introduction to the field of sports medicine and the athletic training profession. The course will present information on recognition, prevention, treatment/ management and applied anatomy of common and less common musculoskeletal injuries.

*Co-requisite:* ATEP 245L.

### **ATEP 245L Athletic Injury Prevention and Management Lab (1)**

Laboratory course designed to introduce students to the psychomotor skills and scientific principles of athletic taping, bracing and wrapping.

*Co-requisite:* ATEP 245.

### **ATEP 345 Athletic Injury Evaluation I (3)**

This course focuses on the assessment of athletic injuries occurring to the extremities of the human body. Mechanisms and characteristics of athletic injuries commonly occurring to the joints of the human extremities will be discussed. Emphasis will be placed on the components of the comprehensive orthopedic physical examination.

*Prerequisite:* ATEP 245/L.

*Co-requisite:* ATEP 345L.

### **ATEP 345L Athletic Injury Evaluation I Lab (1)**

Laboratory course designed to develop the candidate's psychomotor skills of orthopedic examination and assessment.

*Prerequisite:* ATEP 245/L.

*Co-requisite:* ATEP 345.

### **ATEP 346 Athletic Injury Evaluation II (3)**

This course focuses on the assessment of athletic injuries occurring to the human spine and torso areas. Mechanisms and characteristics of athletic injuries commonly occurring to these areas will be discussed. Emphasis will be on the components of the physical examination including history, inspection, palpation, functional testing and special evaluation techniques.

*Prerequisite:* ATEP 245/L or permission of the instructor.

*Co-requisite:* ATEP 346L.

### **ATEP 346L Athletic Injury Evaluation II Lab (1)**

This laboratory course is a co-requisite to ATEP 346 Athletic Injury Evaluation II and is designed to develop the student's psychomotor skills of examination and assessment of athletic injuries occurring to the spine and torso areas of the human body.

*Prerequisite:* ATEP 245/L or permission of the instructor.

*Co-requisite:* ATEP 346.

### **ATEP 365 General Medical Conditions in Athletics (3)**

This course focuses on general medical conditions by body systems; their mechanism of acquisition, signs, symptoms, referral criteria and return-to-participation guidelines. Candidates explore treatment options and the body's physiological and psychological response to pharmacological agents. Methods of identifying risk factors and preventing general medical conditions will also be discussed.

*Prerequisites:* ATEP 345/L, BIOL 201, and acceptance into the Athletic Training Education Program, or permission of the instructor.

### **ATEP 375 Clinical Education Experience in Athletic Training (1 Hr./Level for 001, 2 Hr./Level for 002-005, Repeatable to 5 Required Levels)**

This course is designed to provide candidates the opportunity to develop specific didactic competencies and clinical proficiencies in the area of athletic training. Emphasis will be placed on level-specific knowledge and clinical proficiency acquisition, development and demonstration. This course must be repeated four times in a progressive sequential order for a total of nine credits. Successful completion of the previous course (level) is required for enrollment in the subsequent course (level).

*Prerequisites:* ATEP 245, acceptance into the Athletic Training Education Program, and successful completion of prior ATEP 375 level.

### **ATEP 430 Therapeutic Exercise (3)**

This course provides information on planning and implementing a comprehensive rehabilitation/reconditioning program for injuries/illnesses sustained during physical activity. Emphasis will be placed on the didactic and psychomotor development of the following comprehensive rehabilitation program components: determination of therapeutic goals and objectives, selection of therapeutic treatment and exercise, methods of evaluating and recording rehabilitation progress and the development of criteria and progression for return to physical activity.

*Prerequisites:* BIOL 201/202, ATEP 245, ATEP 345, and EXSC 330 (AT students) BIOL 201/202, EXSC 330 (non-AT students). Non-AT students are requested to confer with the instructor prior to enrolling in this course.

*Co-requisite:* ATEP 430L

### **ATEP 430L Therapeutic Exercise Lab (1)**

This laboratory course is a co-requisite to ATEP 430 and is designed to develop the student's psychomotor skills in planning and implementing therapeutic exercise programs.

*Co-requisite:* ATEP 430.

### **ATEP 437 Therapeutic Modalities (3)**

This course provides comprehensive coverage of the adjunctive use of therapeutic modalities in the athletic injury recovery process. This course examines the physiological basis and rationale for modality use, clinical application and specific application techniques. Students will gain didactic knowledge regarding modality selection, indications, and contraindications as well as hands-on experience in the appropriate use and application of techniques.

*Prerequisites:* ATEP 245, ATEP 345, or permission of the instructor. Recommended: PHYS 101/102.

*Co-requisite:* ATEP 437L.

### **ATEP 437L Therapeutic Modalities Lab (1)**

This laboratory course is a co-requisite to ATEP 437 and is designed to develop the students's psychomotor skills in the appropriate selection and application of therapeutic modalities in the athletic injury recovery process.

*Co-requisite:* ATEP 437.

## **Biology Courses**

### **BIOL 101 Concepts and Applications in Biology I (4)**

This is a non-science majors' course, which will provide a background for understanding and evaluating contemporary topics in biology and societal/environmental issues. The course emphasizes cellular and molecular concepts, including biochemistry, cell structure and function, respiration,

photosynthesis, genetics and molecular biology. An understanding of methods, history, and dynamic nature of science will also be emphasized. Lecture/Discussion - 3hours per week.

*Co-requisite:* BIOL 101L.

### **BIOL 101L Concepts and Applications in Biology I (0)**

A laboratory course which accompanies BIOL 101. Laboratory – 3 hours per week.

*Co-requisite:* BIOL 101.

### **BIOL 102 Concepts and Applications in Biology II (4)**

This is a non-science majors' course, which will provide a background for understanding and evaluating contemporary topics in biology and societal/environmental issues. The course emphasizes physiology and anatomy of organisms, ecological and evolutionary concepts, biodiversity, and conservation biology. An understanding of methods, history, and dynamic nature of science will also be emphasized.

Lecture/Discussion - 3hours per week.

*Prerequisite:* BIOL 101

*Co-requisite:* BIOL 102L.

### **BIOL 102L Concepts and Applications in Biology II (0)**

A laboratory course which accompanies BIOL 102. Laboratory – 3 hours per week.

*Co-requisite:* BIOL 102.

### **BIOL 111 Introduction to Cell and Molecular Biology (3)**

A foundation course for science majors emphasizing the concepts of structure and function in biological systems at the molecular and cellular levels. Topics include biochemistry, biochemical and molecular evolution, cell function, respiration, photosynthesis, genetics and molecular biology. Lectures three hours per week.

*Co-requisite:* BIOL 111L.

*Notes:* BIOL 111, 111L, 112, 112L are prerequisites for all upper-division biology courses except for BIOL 204 and BIOL 209, which have no prerequisites. Students who have completed BIOL 101, 102, 101L, 102L, and who wish to take upper-division biology courses, may do so only with permission of the department. Students may not receive credit for both BIOL 101 and 111, or for both

*BIOL 102 and 112, or for both BIOL 111 and 112 and Honors Biology. BIOL 211 and 211D are prerequisites, and BIOL 305 is a co- or prerequisite for all 300-, 400-, and 500-level courses.*

### **BIOL 111L Introduction to Cell and Molecular Biology Lab (1)**

Laboratory course to accompany BIOL 111.

*Co-requisite:* BIOL 111.

*Notes: BIOL 111, 111L, 112, 112L are prerequisites for all upper-division biology courses except for BIOL 204 and BIOL 209, which have no prerequisites. Students who have completed BIOL 101, 102, 101L, 102L, and who wish to take upper-division biology courses, may do so only with permission of the department. Students may not receive credit for both BIOL 101 and 111, or for both BIOL 102 and 112, or for both BIOL 111 and 112 and Honors Biology. BIOL 211 and 211D are prerequisites, and BIOL 305 is a co- or prerequisite for all 300-, 400-, and 500-level courses.*

### **BIOL 112 Evolution, Form, and Function of Organisms (3)**

A foundation course for science majors providing an introduction to evolution and a study of the major groups of organisms with an emphasis on their structure, form, and function. Lectures three hours per week.

*Prerequisite:* BIOL 111.

*Co-requisite:* BIOL 112L.

*Notes: BIOL 111, 111L, 112, 112L are prerequisites for all upper-division biology courses except for BIOL 204 and BIOL 209, which have no prerequisites. Students who have completed BIOL 101, 102, 101L, 102L, and who wish to take upper-division biology courses, may do so only with permission of the department. Students may not receive credit for both BIOL 101 and 111, or for both BIOL 102 and 112, or for both BIOL 111 and 112 and Honors Biology. BIOL 211 and 211D are prerequisites, and BIOL 305 is a co- or prerequisite for all 300-, 400-, and 500-level courses.*

### **BIOL 112L Evolution, Form, and Function of Organisms Lab (1)**

Laboratory course to accompany BIOL 112.

*Co-requisite:* BIOL 112.

*Notes: BIOL 111, 111L, 112, 112L are prerequisites for all upper-division biology courses except for BIOL 204 and BIOL 209, which have no prerequisites. Students who have completed BIOL 101, 102, 101L, 102L, and who wish to take upper-division biology courses, may do so only with permission of*

*the department. Students may not receive credit for both BIOL 101 and 111, or for both BIOL 102 and 112, or for both BIOL 111 and 112 and Honors Biology. BIOL 211 and 211D are prerequisites, and BIOL 305 is a co- or prerequisite for all 300-, 400-, and 500-level courses.*

### **BIOL 201 Human Physiology (4)**

An introduction to the structure and function of the major organ systems of the human body. Lectures three hours per week; laboratory three hours per week. This course is specifically intended for preallied health, physical education, and pre-nursing majors

*Prerequisites:* BIOL 111/111L, BIOL 112/112L.

### **BIOL 202 Human Anatomy (4)**

An introduction to the gross morphology and microscopic anatomy of the major organ systems of the human body. Lectures three hours per week; laboratory three hours per week. This course is specifically intended for pre-allied health, physical education, and pre-nursing majors.

*Prerequisites:* BIOL 111/111L, BIOL 112/112L.

### **BIOL 204 Man and the Environment (3)**

A study of the interdependence of man and his environment. Emphasis will be on man's place in nature, pollution, man-modified habitats, and environmental protection. Lectures three hours per week.

### **BIOL 209 Marine Biology (4)**

An introduction to the study of marine organisms and their environment. Lectures three hours per week; laboratory three hours per week. Usually taught only in the summer.

### **BIOL 211 Biodiversity, Ecology, and Conservation Biology (4)**

A foundation course for intermediate-level biology majors. Students will explore synthetic biological concepts, including evolution, population-community- ecosystem ecology, behavior, biodiversity, and conservation. In a weekly, one-hour recitation section, students will be required to read, discuss and critique scientific literature (both popular and primary) related to these topics.

*Prerequisites:* BIOL 111/111L, BIOL 112/112L.

*Co-requisite:* BIOL 211D.

### **BIOL 211D Biodiversity, Ecology, and Conservation Biology Discussion (0)**

Discussion section to accompany BIOL 211.

*Prerequisites:* BIOL 111/111L, BIOL 112/112L.

*Co-requisite:* BIOL 211.

### **BIOL 250 Special Topics in Biology (1-4)**

Lectures and discussion on selected topics of biological interest.

*Prerequisite:* One year of biology or permission of the instructor.

### **BIOL 300 Botany (4)**

Gross morphology, life history, taxonomy, and evolution of representative algae, fungi, bryophytes, and vascular plants. Lecture three hours per week; laboratory three hours per week.

*Prerequisites:* BIOL 111/111L and BIOL 112/112L, and BIOL 211/211D.

*Co-requisites or prerequisites:* BIOL 305, MATH 250 or equivalent course in statistics.

### **BIOL 301 Plant Taxonomy (4)**

The collection, identification, and classification of vascular plants, with special emphasis on local flora. Students will have practice in the use of keys and herbarium techniques. Lectures three hours per week; laboratory three hours per week.

*Prerequisites:* BIOL 111/111L and BIOL 112/112L, and BIOL 211/211D.

*Co-requisites or prerequisites:* BIOL 305, MATH 250 or equivalent course in statistics.

### **BIOL 302 Plant Anatomy (4)**

A comparative study of the anatomy of representative vascular plants, relating the anatomical features to functions and evolution. The laboratory will include an introduction to the techniques of plant histology and wood anatomy. Lectures three hours per week; laboratory three hours per week.

*Prerequisites:* BIOL 111/111L and BIOL 112/112L, and BIOL 211/211D.



*Co-requisite or prerequisites:* BIOL 305, MATH 250 or equivalent course in statistics.

### **BIOL 303 Phycology (4)**

A survey of the algae from the ultraplankton to the kelps. The laboratory experience will involve extensive field collecting and identification, preparation of herbarium materials, and culturing for life-history studies. Lectures three hours per week; laboratory three hours per week.

*Prerequisites:* BIOL 111/111L and BIOL 112/112L, and BIOL 211/211D.

*Co-requisites or prerequisites:* BIOL 305, MATH 250 or equivalent course in statistics.

### **BIOL 304 Plant Physiology (4)**

A study of plant function. Topics will include metabolism, growth and development, transpiration, translocation, and an introduction to plant molecular biology. Lectures three hours per week; laboratory three hours per week.

*Prerequisites:* BIOL 111/111L, BIOL 112/112L, and BIOL 211/211D; one year of chemistry.

*Co-requisites or prerequisites:* BIOL 305, MATH 250 or equivalent course in statistics.

### **BIOL 305 Genetics (3)**

The basics of the science of heredity. The course encompasses Mendelian genetics, the molecular basis of inheritance, changes in chromosome number and structure, gene mapping, mutations and population genetics. Population and quantitative genetic approaches are applied to clarify the understanding of evolution.

*Prerequisites:* BIOL 111/111L and BIOL 112/112L.

*Co-requisites or prerequisites:* BIOL 211 and 211D, MATH 250 or equivalent course in statistics or permission of instructor.

### **BIOL 305L Genetics Lab (1)**

An introduction to the principles of heredity using common experimental organisms. Recent techniques in molecular genetics are also covered. Laboratory three hours per week.

*Prerequisites:* BIOL 111/111L, BIOL 112/112L.

*Co-requisites or prerequisites:* BIOL 211 and 211D, BIOL 305, MATH 250 or equivalent course in statistics or permission of instructor.

### **BIOL 310 General Microbiology (4)**

An introduction to the microbial world with special emphasis on bacteria. Topics include cellular structures, bacterial metabolism, microbial genetics, bacterial growth and its control, virology and the epidemiology and pathogenicity of disease-producing microorganisms. The laboratory emphasizes proper handling techniques, identification methods, and properties of microorganisms. Lectures three hours per week; laboratory three hours per week.

*Prerequisites:* BIOL 111/111L, BIOL 112/112L, and BIOL 211/211D; one year of chemistry.

*Co-requisites or prerequisites:* BIOL 305. CHEM 232 can be substituted for BIOL 211 and 305, MATH 250 or equivalent course in statistics or permission of instructor.

### **BIOL 312 Molecular Biology (3)**

An in-depth study of gene structure and gene regulation, important cellular macromolecules, and the techniques used in their analysis. Special topics include discussions of molecular immunology, mobile genetic elements, virology, and the biology of cancer. Lecture three hours per week.

*Prerequisites:* BIOL 111/111L, BIOL 112/112L, BIOL 211/211D and BIOL 305; one year of chemistry. CHEM 232 can be substituted for BIOL 211 and 305.

*Co-requisite or prerequisite:* MATH 250 or equivalent course in statistics or permission of instructor.

### **BIOL 312L Molecular Biology Laboratory (1)**

A comprehensive study of the techniques used in the isolation and analysis of important cellular macromolecules. Techniques covered will include electrophoresis of proteins and nucleic acids, southern and western blotting, liquid chromatography and those involved in the formation and analysis of recombinant molecules. Laboratory three hours per week.

*Co-requisite or prerequisite:* BIOL 312, MATH 250 or equivalent course in statistics or permission of instructor.

### **BIOL 313 Cell Biology (3)**

A study of the structural and functional correlates in cell biology. Topics include membrane specialization, cytoskeleton structure and function of cellular organelles, adhesion, motility, mitotic mechanisms, transport mechanisms, immunology, and energetics. Lectures three hours per week.

*Prerequisites:* BIOL 111/111L, BIOL 112/112L, and BIOL 211/211D; one year of chemistry.

*Co-requisites or prerequisites:* BIOL 305. CHEM 232 can be substituted for BIOL 211 and 305, MATH 250 or equivalent course in statistics or permission of instructor.

### **BIOL 313L Cell Biology Laboratory (1)**

These laboratory exercises introduce the student to some of the modern methods used to study cell function. Laboratory three hours per week.

*Co-requisites or prerequisites:* BIOL 313, MATH 250 or equivalent course in statistics or permission of instructor.

### **BIOL 314 Immunology (3)**

A comprehensive study of the cellular and molecular aspects of the immune response. Subjects covered will include antibody structure and function, immunogenetics, the biology of cell-mediated responses to autoimmunity, immunodeficiencies and the evolution of the immune system.

*Prerequisites:* BIOL 111/111L, BIOL 112/112L, BIOL 211/211D, and BIOL 305. One year of chemistry.

*Co-requisite or prerequisite:* MATH 250 or equivalent course in statistics.

### **BIOL 320 Histology (4)**

A detailed study of the microscopic structure of mammalian tissues and organs. Lectures three hours per week; laboratory three hours per week.

*Prerequisites:* BIOL 111/111L, BIOL 112/112L, and BIOL 211/211D.

*Co-requisites or prerequisites:* BIOL 305, MATH 250 or equivalent course in statistics.

**BIOL 321 General and Comparative Physiology (4)**

A study of the principles of the functional mechanisms that underlie the life processes of all organisms with emphasis on the ways in which diverse organisms perform similar functions. Lectures three hours per week; laboratory three hours per week.

*Prerequisites:* BIOL 111/111L, BIOL 112/112L, BIOL 211/211D, and BIOL 305; one year of chemistry. CHEM 232 can be substituted for BIOL 211 and 305.

*Co-requisite or prerequisite:* MATH 250 or equivalent course in statistics or permission of instructor.

**BIOL 322 Developmental Biology (4)**

Lecture surveys the different stages of development from fertilization to organogenesis in both invertebrate and vertebrate model systems. Lecture covers both the descriptive nature of embryonic development, as well as the conserved molecular and cellular patterns. The laboratory covers some techniques of developmental biology, as well as histology slides of embryonic development, and research paper discussion. Lectures three hours per week; laboratory three hours per week.

*Prerequisites:* BIOL 111/111L, BIOL 112/112L, BIOL 211/211D, and BIOL 305.

*Co-requisite or prerequisite:* MATH 250 or equivalent course in statistics or permission of instructor.

**BIOL 323 Comparative Anatomy of Vertebrates (4)**

Lectures on the functional morphology and phylogeny of vertebrate organ systems, and laboratory dissection of shark and cat. Lectures three hours per week; laboratory four hours per week.

*Prerequisites:* BIOL 111/111L, BIOL 112/112L, and BIOL 211/211D.

*Co-requisites or prerequisites:* BIOL 305, MATH 250 or equivalent course in statistics.

**BIOL 332 Vertebrate Zoology (4)**

Life histories, adaptations, ecology and classifications of vertebrate animals. Laboratory work emphasizes living material from the local fauna. Lectures three hours per week; laboratory three hours per week.

*Prerequisites:* BIOL 111/111L, BIOL 112/112L, and BIOL 211/211D.

*Co-requisites or prerequisites:* BIOL 305, MATH 250 or equivalent course in statistics.

**BIOL 333 Ornithology (4)**

An introduction to the biology of birds. Laboratory work will emphasize the identification, classification, behavior and ecology of local species. Lectures two hours per week; laboratory four hours per week.

*Prerequisites:* BIOL 111/111L, BIOL 112/112L, and BIOL 211/211D.

*Co-requisites or prerequisites:* BIOL 305, MATH 250 or equivalent course in statistics.

**BIOL 334 Herpetology (4)**

An introduction to the biology of amphibians and reptiles. Laboratory work will emphasize the identification, classification, behavior and ecology of local species. Lectures three hours per week; laboratory three hours per week.

*Prerequisites:* BIOL 111/111L, BIOL 112/112L, and BIOL 211/211D.

*Co-requisites or prerequisites:* BIOL 305, MATH 250 or equivalent course in statistics.

**BIOL 335 Biology of Fishes (4)**

A brief survey of gross morphology with emphasis on the structures used in identification, and more detailed considerations of some of the aspects of physiology, ecology, life histories and behavior. Lectures three hours per week; laboratory three hours per week.

*Prerequisites:* BIOL 111/111L, BIOL 112/112L, and BIOL 211/211D.

*Co-requisites or prerequisites:* BIOL 305, MATH 250 or equivalent course in statistics.

**BIOL 336 Parasitology (4)**

Morphology, physiology, epidemiology, ecology and life cycles of parasites of vertebrates and invertebrates. Laboratory will center on living and preserved material and will include methods of fecal, blood, histological and serodiagnostic examinations. Lectures three hours per week; laboratory three hours per week.

*Prerequisites:* BIOL 111/111L, BIOL 112/112L, BIOL 211/211D, and BIOL 305.

*Co-requisite or prerequisite:* MATH 250 or equivalent course in statistics.

**BIOL 337 Biology of Invertebrates (4)**

Classification, morphology, physiology, behavior and life histories of invertebrates. Laboratory work will emphasize the study of living material from the local fauna. Lectures three hours per week; laboratory three hours per week.

*Prerequisites:* BIOL 111/111L, BIOL 112/112L, and BIOL 211/211D.

*Co-requisites or prerequisites:* BIOL 305, MATH 250 or equivalent course in statistics.

**BIOL 338 Entomology (4)**

A study of the diversity of insects and their lifestyles. Lectures include taxonomic topics covering the orders and the major families of insects, their structure and function, physiology, ecology and the interaction of insects with humans. Laboratory will concentrate on collecting insects in the field, field projects and identifying insects. Lectures three hours per week; laboratory three hours per week.

*Prerequisites:* BIOL 111/111L, BIOL 112/112L, and BIOL 211/211D.

*Co-requisites or prerequisites:* BIOL 305, MATH 250 or equivalent course in statistics.

**BIOL 339 Dinosaur Biology (3)**

This course examines the paleobiology, paleoecology, evolution and extinction of dinosaurs and their Mesozoic contemporaries through a variety of approaches. Emphasis will be placed on the fossil evidence and the methods used in reconstructing the lives of these animals, once the most successful of all land vertebrates.

*Prerequisites:* BIOL 111/111L, BIOL 112/112L, and BIOL 211/211D.

*Co-requisites or prerequisites:* BIOL 305, MATH 250 or equivalent course in statistics.

**BIOL 340 Zoogeography (3)**

An introduction to the study of the distribution patterns of organisms, their

origins and their significance for ecology and evolution. Lectures three hours per week.

*Prerequisites:* BIOL 111/111L, BIOL 112/112L, and BIOL 211/211D.

*Co-requisites or prerequisites:* BIOL 305, MATH 250 or equivalent course in statistics.

#### **BIOL 341 General Ecology (4)**

Consideration of organisms and their environmental relationships. Lectures three hours per week; laboratory three hours per week.

*Prerequisites:* BIOL 111/111L, BIOL 112/112L, and BIOL 211/211D.

*Co-requisites or prerequisites:* BIOL 305, MATH 250 or equivalent course in statistics.

#### **BIOL 342 Oceanography (4)**

An introduction to the study of the marine environment. Lecture and laboratory work will emphasize the interrelationships of physical, chemical, geological and biological processes in the sea. Lectures three hours per week; laboratory three hours per week.

*Prerequisites:* BIOL 111/111L, BIOL 112/112L, and BIOL 211/211D.

*Co-requisites or prerequisites:* BIOL 305; one year each of college mathematics and chemistry, MATH 250 or equivalent course in statistics or permission of instructor.

#### **BIOL 343 Animal Behavior (4)**

An introduction to the mechanisms and evolution of behavior in vertebrate and invertebrate animals. Lectures three hours per week; laboratory three hours per week.

*Prerequisites:* BIOL 111/111L, BIOL 112/112L, BIOL 211/211D, and BIOL 305.

*Co-requisite or prerequisite:* MATH 250 or equivalent course in statistics or permission of instructor.

#### **BIOL 350 Evolution (3)**

A study of the mechanism and patterns of plant and animal evolution, with emphasis on the species level of organization. Lectures three hours per week.

*Prerequisites:* BIOL 111/111L, BIOL 112/112L, BIOL 211/211D, and BIOL 305.

*Co-requisite or prerequisite:* MATH 250 or equivalent course in statistics.

#### **BIOL 351 Principles of Neurobiology (3)**

The first course of a two-semester series that serves as a rigorous introduction to the field of neuroscience. The first semester will focus on brain anatomy, cellular and molecular function of neurons and development of nervous systems. The course is team taught by faculty from the Departments of Biology and Psychology.

*Prerequisites:* PSYC 103, BIOL 111, 112, and 211 or PSYC 214.

*Pre-or co-requisite:* MATH 250 or equivalent course in statistics.

#### **BIOL 352 Neurobiology and Behavior (3)**

The second course of a two-semester series that serves as a rigorous introduction to the field of neuroscience. This course focuses on sensory and motor systems, neural regulatory systems, functional neuroanatomy and behavioral/cognitive neuroscience.

*Prerequisite:* BIOL 351/PSYC 351 or PSYC 214.

*Co-requisite or prerequisite:* MATH 250 or equivalent course in statistics.

#### **BIOL 353 Hormones and Behavior (3)**

Hormones modulate most social behaviors (reproductive, parental, aggressive) expressed by animals. This course examines how hormones interact with the nervous system to produce these complex behaviors. Taking a comparative approach, the course draws examples of neuroendocrine function from throughout the animal kingdom including fish, birds, reptiles, amphibians and mammals. Cross-listed with PSYC 353.

*Prerequisites:* BIOL 111, 112, BIOL 211

*Co-requisites or prerequisites:* BIOL 305, MATH 250 or equivalent course in statistics or permission of instructor.

#### **BIOL 354 Techniques in Neuroscience (4)**

An intensive "hands-on" laboratory-focused course incorporating several techniques used in neuroscience research,

including electrophysiology, neuroanatomy, histology, and behavioral analysis. Students will use these techniques to investigate various concepts in cellular and systems neuroscience. Students will engage in scientific discourse and present ideas in both verbal and written form. Lectures two hours per week; laboratory four hours per week.

*Prerequisites:* BIOL 351 or PSYC 351; MATH 250 or PSYC 211 and 220 or PSYC 250; permission of instructor

#### **BIOL 357 Oceanographic Research (4)**

This course engages students in multidisciplinary research. Students participate in a multi-day research cruise, learn about southeast continental shelf oceanography and conduct independent and collaborative research in the laboratory. Students present their research results in poster and oral form, and prepare manuscripts for publication in an online journal..

*Prerequisites:* BIOL 342 and lab and permission of the instructor.

*Co-requisite or prerequisite:* MATH 250 or equivalent course in statistics.

#### **BIOL 360 Introduction to Biometry (3)**

An introduction to basic statistical methods and their application in the analysis of biological data.

*Prerequisites:* BIOL 111/111L, BIOL 112/112L, and BIOL 211/211D; MATH 111 or equivalent or permission of the instructor.

*Co-requisites or prerequisites:* BIOL 305, MATH 250 or equivalent course in statistics.

#### **BIOL 396 Biophysical Modeling of Excitable Cells (3)**

An introduction to the concepts and methods of computer modeling of excitable cells. Topics include basic electrophysiology of excitable cells, biophysics of ion conduction, mathematical modeling of activation/inactivation mechanisms using experimental data, and computer simulations.

*Prerequisites:* BIOL 111/112 and PHYS 112/HONS 158 or BIOL 211/305 and PHYS 102/PHYS 112/HONS 158 or the permission of the instructor.

*Co-requisite or prerequisite:* MATH 250 or equivalent course in statistics.

### **BIOL 397 Research Experience in Biology (0, Repeatable)**

A student works under faculty supervision to learn a research method, to explore possible research topics or to continue an ongoing study. The faculty member helps the student to determine the course goals and objectives, and supervises the project. The student will provide a written report to the faculty at the end of the semester. Students will receive a grade of "S" (satisfactory) or "U" (unsatisfactory) for the course.

*Prerequisites:* Only biology majors may take a Zero Credit Research course. Permission of the instructor and approval of the department chair.

*Co-requisite or prerequisite:* MATH 250 or equivalent course in statistics or permission of instructor.

### **BIOL 399 Tutorial (1-3, Repeatable up to 3)**

Individual instruction given by a tutor in regularly scheduled meetings (usually once a week).

*Prerequisites:* BIOL 111/111L, BIOL 112/112L, BIOL 211/211D, and BIOL 305. GPA of at least 3.0 in biology courses; junior standing plus permission of the tutor and the department chair.

*Co-requisite or prerequisite:* MATH 250 or equivalent course in statistics.

### **BIOL 406 Conservation Biology (3)**

A course exploring the origin, maintenance and preservation of biodiversity at all levels: genetic, population, community, ecosystem and biosphere. The focus will be on applying ecological, genetic and evolutionary principles to problems in conservation. Optional field trips will make use of the rich biota of the Charleston area.

*Prerequisites:* BIOL 111/111L, BIOL 112/112L, BIOL 211/211D, and BIOL 305; BIOL 341 or permission of the instructor.

*Co-requisite or prerequisite:* MATH 250 or equivalent course in statistics.

### **BIOL 410 Applied and Environmental Microbiology (4)**

A lecture and laboratory study of the special applications of microbiology to

domestic water and wastewater and solid wastes, food and dairy products, agriculture and industrial processes. Includes microbial distribution and its role in various marine and freshwater, terrestrial, animal, atmospheric and product environments. Lectures three hours per week; laboratory three hours per week.

*Prerequisites:* BIOL 111/111L, BIOL 112/112L, and BIOL 211/211D; BIOL 310 and one year of chemistry.

*Co-requisites or prerequisites:* BIOL 305, MATH 250 or equivalent course in statistics.

### **BIOL 411 Microtechnique and Cytochemistry (4)**

A study of the history, theory and applications of microscopy and microscopy techniques applicable for the study of cells, tissues and macro- and microorganisms. Lectures two hours per week; laboratory four hours per week.

*Prerequisites:* BIOL 111/111L, BIOL 112/112L, BIOL 211/211D, and one year of chemistry.

*Co-requisites or prerequisites:* BIOL 305, MATH 250 or equivalent course in statistics.

### **BIOL 412 Capstone in Molecular Biology (3)**

An intensive seminar and laboratory course that serves as the culminating capstone experience for Molecular Biology concentrators. This course will be a synthesis of the field, integrating paper discussion, experimental design, and modern laboratory research techniques.

*Prerequisites:* BIOL 211/211D, BIOL 305, BIOL 312

*Pre or co-requisite:* CHEM 351

*Note: Students cannot use both BIOL 412 and BIOL 312L towards their major requirements.*

### **BIOL 414 Environmental Immunology (3)**

This course, directed at graduate and advanced undergraduate students, addresses the role of the immune system in maintaining the health of the human and wildlife populations. Lectures and independent reading, followed by

classroom discussion, build skills in critical analysis of current literature in immunotoxicology, clinical and comparative immunology.

*Prerequisites:* BIOL 111/111L, BIOL 112/112L, BIOL 211/211D, one year of chemistry.

*Co-requisites or prerequisites:* BIOL 305, BIOL 312 or BIOL 313 or CHEM 351, MATH 250 or equivalent course in statistics and permission of the instructor.

### **BIOL 420 General and Comparative Endocrinology (4)**

A study of the comparative anatomy and physiology of the ductless glands of invertebrate and vertebrate animals. Laboratory experiments are designed to demonstrate classical as well as modern approaches to the study of hormone action. Lectures two hours per week; laboratories six hours per week.

*Prerequisites:* BIOL 111/111L, BIOL 112/112L, and BIOL 211/211D.

*Co-requisites or prerequisites:* BIOL 305, MATH 250 or equivalent course in statistics and a course in physiology or permission of the instructor.

### **BIOL 421 Topics in Physiology, Cell, and Molecular Biology of Marine Organisms (3)**

A course for students with interests in cellular, molecular and physiological approaches to research in marine biology. Specific lecture topics center on environmental bioindicators, developmental biology, organismal and environmental physiology, immunology and population genetics of marine organisms.

*Prerequisites:* BIOL 312 or 313; BIOL 321 and permission of the instructor.

*Co-requisite or prerequisite:* MATH 250 or equivalent course in statistics.

*Note: This course is intended only for summer.*

### **BIOL 444 Plant Ecology (4)**

Plant Ecology will explore the population ecology of plants covering the genetic, spatial, age and size structure of plant populations. The focus will be on understanding the origin of these different kinds of structures, understanding how they influence each other and understanding why they change with time.

*Prerequisites:* BIOL 111/111L, BIOL 112/112L, BIOL 211/211D, and BIOL 341 or permission of the instructor.

*Co-requisites or prerequisites:* BIOL 305, MATH 250 or equivalent course in statistics.

### **BIOL 445 Systematic Biology (3)**

An in-depth coverage of the principles of systematics with emphasis on reconstruction of relationships and evolutionary history of organisms. Topics include current theories of systematic and evolutionary biology, methods of phylogenetic systematics and critical evaluation of phylogenetic hypotheses.

*Prerequisites:* BIOL 111/111L, BIOL 112/112L, BIOL 211/211D, and BIOL 305. Junior standing and at least one upper division course in organismal biology (e.g., BIOL 300, 301, 303, 332, 333, 334, 335, 336, 337 or 338).

*Co-requisites or prerequisite:* MATH 250 or equivalent course in statistics.

### **BIOL 446 Special Topics in Neuroscience (3)**

A special topics course designed to supplement course offerings in neuroscience.

*Prerequisites:* Junior or senior standing and permission of the instructor.

*Co-requisite or prerequisite:* MATH 250 or equivalent course in statistics.

### **BIOL 447 Seminar in Neuroscience (3)**

A seminar course exposing students to cutting-edge neuroscience research. Research seminars by neuroscientists will be combined with the reading and discussion of primary literature. Students will learn to effectively write about and present their own ongoing research projects. This course serves as a capstone experience for students pursuing a minor in neuroscience.

*Prerequisites:* BIOL/PSYC 351/352

*Co-requisite:* BIOL/PSYC 448,

*Co-requisite or prerequisite:* MATH 250 or equivalent course in statistics or permission of the instructor.

*Note:* Students engaged in independent research or a bachelor's essay will be given priority for enrollment.

### **BIOL 448 Bachelor's Essay in Neuroscience (6)**

A year-long senior research project conducted under the supervision of a faculty member in the neuroscience program at CofC or MUSC. Along with the faculty mentor, the student must submit a written project proposal for approval prior to course registration. This course is designed for students who are working toward a neuroscience minor.

*Prerequisites:* BIOL/PSYC 351 and 352 and permission of both the student's major department and the neuroscience program director.

*Corequisite or prerequisite:* MATH 250 or equivalent course in statistics.

### **BIOL 449 Biology of Coral Reefs (3)**

An introduction to the biology and ecology of reefbuilding corals and coral reefs. Topics to be covered include coral ecology (physical environment, nutrition, reproduction, growth, population structure), taxonomy, systematic, diversity, biogeography, reefbuilding processes, and natural and human induced disturbances.

*Prerequisites:* BIOL 111/111L, BIOL 112/112L, BIOL 211/211D, BIOL 305 and BIOL 341. Open to undergraduate student of junior or senior standing who have completed at least 15 semester hours in biology and have a GPA of at least 3.0 in all biology courses. Students not meeting these requirements may enroll with permission of the instructor and departmental chair.

*Corequisite or prerequisite:* MATH 250 or equivalent course in statistics.

### **BIOL 450 Problems in Biology (1-4)**

Literature and laboratory investigations of specific problems in biology, the nature of the problem to be determined by the interest of each student after consultation with departmental faculty. Open to exceptional students with junior or senior standing who are interested in continuing toward a graduate degree in biological or related sciences and who have a minimum GPA of 3.0 in all science courses. Credit value is determined by the type of problem addressed.

*Prerequisites:* BIOL 111/111L, BIOL 112/112L, BIOL 211/211D, and BIOL

305. Enrollment by permission of the instructor and approval of the department chair.

*Corequisite or prerequisite:* MATH 250 or equivalent course in statistics.

### **BIOL 451 Problems in Marine Biology (1-4)**

Literature and laboratory investigations of specific problems directly concerned with the biology of marine organisms. Open to exceptional students with junior or senior standing who are interested in continuing toward a graduate degree in biological or related sciences and who have a minimum GPA of 3.0 in all science courses. Credit value is determined by the type of problem addressed.

*Prerequisites:* BIOL 111/111L, BIOL 112/112L, BIOL 211/211D, and BIOL 305. Enrollment by permission of the instructor and approval of the department chair.

*Co-requisite or prerequisite:* MATH 250 or equivalent course in statistics.

### **BIOL 452 Seminar (1)**

Students will attend biological research seminars in which they will be exposed to a variety of subdisciplines within the life sciences as well as methods that can be employed to examine biological questions. Each student must attend a minimum of 10 seminars and prepare a literate analysis of each. Open to students who have junior or senior standing who have completed at least 15 credit hours in biology and have a minimum overall GPA of 2.5 in their biology courses.

*Prerequisites:* BIOL 111/111L, BIOL 112/112L, and BIOL 211/211D.

*Co-requisites or prerequisites:* BIOL 305, MATH 250 or equivalent course in statistics.

### **BIOL 453 Special Topics (1-4)**

Special studies designed to supplement an offering made in the department or to investigate an additional, specific area of biological research.

*Prerequisites:* BIOL 111/111L, BIOL 112/112L, BIOL 211/211D and permission of the instructor.

*Co-requisites or prerequisites:* BIOL 305, MATH 250 or equivalent course in statistics.

**BIOL 455 Seminar in Molecular Biology (2)**

Required "capstone" course for majors emphasizing molecular biology.

*Prerequisites:* BIOL 111/111L, BIOL 112/112L, BIOL 211/211D, BIOL 305, BIOL 312 and 313.

*Co-requisite or prerequisite:* MATH 250 or equivalent course in statistics.

**BIOL 499 Bachelor's Essay (6)**

A year-long research and writing project done during the senior year under the close supervision of a tutor from the department. Students must take the initiative in seeking tutors to help in both the design and the supervision of their projects. A project proposal must be submitted in writing and approved by the department prior to registration for the course.

*Prerequisites:* BIOL 111/111L, BIOL 112/112L, BIOL 211/211D, and BIOL 305. GPA of at least 3.0 in all biology courses. Enrollment by permission of the instructor and approval of the department chair.

*Co-requisite or prerequisite:* MATH 250 or equivalent course in statistics.

**BIOL 501 Biology of the Crustacea (4)**

A study of the biology of crustacean arthropods. Topics include evolution, taxonomy, functional morphology, physiology, embryology, ecology, behavior, commercial management and aquaculture. Instruction is held at Grice Marine Laboratory, typically during a summer session. Open to students with junior or senior standing who have completed at least 15 semester hours in biology and have a GPA of at least 3.0 in all biology courses. Students not meeting these requirements may enroll with permission of the instructor and department chair.

*Prerequisites:* BIOL 111/111L, BIOL 112/112L, BIOL 211/211D, BIOL 305 and a course in invertebrate zoology (BIOL 337).

**BIOL 502 Special Topics in Marine Biology (1-4)**

Special topics designed to supplement an offering made in the program or to investigate an additional, specific area of marine biological processes in the sea. Open to students with junior or senior

standing who have completed at least 15 semester hours in biology and have a GPA of at least 3.0 in all biology courses. Students not meeting these requirements may enroll with permission of the instructor and department chair.

*Prerequisites:* BIOL 111/111L, BIOL 112/112L, BIOL 211/211D, and BIOL 305.

**BIOL 503 Special Topics in Ecology (3-4)**

Investigation of advanced, specific areas of ecology beyond BIOL 341. Examples of offerings may include marine microbial ecology, phytoplankton ecology, benthic ecology, community ecology, and population ecology. Open to students with junior or senior standing who have completed at least 15 semester hours in biology and have a GPA of at least 3.0 in all biology courses. Students not meeting these requirements may enroll with permission of the instructor and department chair.

*Prerequisites:* BIOL 111/111L, BIOL 112/112L, BIOL 211/211D, and BIOL 305. BIOL 341 or permission of the instructor.

*Note:* This course may sometimes include a lab, in which case the number of credits will be four.

## Business Law Courses

**BLAW 205 Legal Environment of Business (3)**

This course is designed to emphasize the legal environment of business and the pluralistic nature of the economy of the United States. The principal federal and state regulations as well as common law relationships applicable to businesses are presented to provide the student with an understanding of the limitations and consequences of business decisions, as well as the social and ethical responsibilities implicit in decision making. Topics to be covered include: introduction to law and legal system; white collar crimes and torts; ethics and social responsibility; negligence and product liability; administrative law; law of agency, partnership, corporations, and securities; ownership of real and personal property; bailments; overview of real and

personal property; and overview of antitrust.

*Prerequisite:* Sophomore standing.

**HONS 210 Honors Business Law (3)**

This is the Honors equivalent of BLAW 205. It is designed to introduce the student to the legal, ethical and regulatory environment of business. Students will focus on the laws of contract, property and torts once a foundation of the legal system is established. Analysis of ethical considerations in a business environment will strengthen the student's ability to make critical decisions in the strategic arena of business.

*Prerequisites:* Junior standing and other prerequisites as required.

**BLAW 306 Law for Business Managers (3)**

Designed to cover the legal issues encountered by business managers, this course includes a thorough examination of fair employment practices (Title VII); affirmative action; OSHA; workmen's compensation; unemployment compensation insurance; choice of legal form, i.e., sole proprietorship, partnership, or corporation; product liability; negligence; and legal aspects of hiring and firing of employees.

*Prerequisites:* Junior standing; BLAW 205 or permission of the instructor.

**BLAW 309 Legal Environment of International Business (3)**

This course will introduce students to the legal environment of international business. From the basic overview of trade regulation, to the international sales contract, the student will be exposed to factors affecting the international legal environment. Students use knowledge gained here in strategic analysis of international business activity.

*Prerequisite:* Junior or senior standing.

**BLAW 360 ST: Business Law**

An in-depth treatment of a current area of special concern within the field of business law.

*Prerequisites:* Junior standing and other prerequisites as required.

# Chemistry and Biochemistry Courses

## CHEM 101 General Chemistry (3)

A course designed to meet the needs of both the non-science major and the students entering allied health fields. Emphasis is placed on basic chemistry concepts, giving the student a strong background in a variety of topics in order to appreciate the role of science and particularly chemistry in modern-day life. Topics include atomic structure, chemical bonding, stoichiometry, kinetics, equilibria, acids and bases, and nuclear chemistry. Lectures three hours per week. Competency at the MATH 101 level and beyond is suggested. CHEM 101 is not open to students who have completed CHEM 111 or 112.

*Co-requisite:* CHEM 101L.

## CHEM 101L General Chemistry Laboratory (1)

A laboratory program to accompany CHEM 101. Experiments are designed to introduce students to chemical techniques and to illustrate concepts covered in the classroom. Laboratory three hours per week.

*Co-requisite:* CHEM 101.

## CHEM 102 Organic and Biological Chemistry (3)

This course is designed to meet the needs of allied health students; but it is also suitable for any nonscience major. This is a descriptive course that covers organic and biological chemistry. Topics include organic functional groups, reactions, carbohydrates, lipids, proteins, nucleic acids, and metabolism. Lecture three hours per week.

*Prerequisite:* CHEM 101 or CHEM 111.

*Co-requisite:* CHEM 102L.

## CHEM 102L Organic and Biological Chemistry Laboratory (1)

A laboratory program to accompany CHEM 102. Designed to enhance chemical laboratory skills and to illustrate the concepts covered in CHEM 102. Laboratory three hours per week.

*Co-requisite:* CHEM 102.

## CHEM 103 Calculations in Chemistry (1)

This course reviews basic math skills while introducing application of these skills to problems in chemical stoichiometry and nomenclature.

*Prerequisites:* MATH 101 (may be taken as a co-requisite) or MATH 111 or instructor permission.

## CHEM 111 Principles of Chemistry (3)

An introductory course in chemistry emphasizing theoretical aspects and designed primarily for students who intend to take one or more additional courses in chemistry. Lectures three hours per week.

*Co-requisite:* CHEM 111L; Unless students exempt MATH 111 (via diagnostic testing) or have completed this course as a prerequisite, they are required to take MATH 111 as a co-requisite.

*Note:* Students may not receive credit toward graduation for both CHEM 111 and HONS 153.

## CHEM 111L Principles of Chemistry Laboratory (1)

A laboratory course designed to introduce students to the application of the scientific method in solving chemical problems and to acquaint them with specific tools and techniques used in the chemistry laboratory, while reinforcing and illustrating concepts encountered in lecture. Laboratory three hours per week.

*Co-requisite:* CHEM 111.

*Note:* Students may not receive credit toward graduation for both CHEM 111L and HONS 153L.

## CHEM 112 Principles of Chemistry (3)

An introductory course in chemistry emphasizing theoretical aspects and designed primarily for students who intend to take one or more additional courses in chemistry. Lectures three hours per week.

*Prerequisites:* CHEM 111 and 111L.

*Co-requisite:* CHEM 112L. Students enrolling in CHEM 112 are urged to take MATH 120.

*Note:* Students may not receive credit toward graduation for both CHEM 112 and HONS 154.

## CHEM 112L Principles of Chemistry Laboratory (1)

A laboratory course designed to introduce students to the application of the scientific method in solving chemical problems and to acquaint them with specific tools and techniques used in the chemistry laboratory, while reinforcing and illustrating concepts encountered in lecture. Laboratory three hours per week.

*Prerequisites:* CHEM 111 and 111L.

*Co-requisite:* CHEM 112. Students may not receive credit toward graduation for both CHEM 112L and HONS 154L.

## CHEM 183 Introductory Special Topics in Chemistry and Biochemistry (1-3)

This course covers a special topic in chemistry or biochemistry, usually in an emerging area of research, in an area of industrial importance, or in an interdisciplinary field, at a level appropriate for a freshmen chemistry student.

*Prerequisite:* Permission of Instructor

*NOTE:* An additional lab section, CHEM 183L (0-1) may also be offered.

## CHEM 221 Quantitative Analysis (4)

A study of the chemistry of quantitative analysis. Special attention is given to equilibria involving acids, bases, precipitates, complexions and oxidizing and reducing agents. In the laboratory, an opportunity is provided for solving problems in gravimetric and volumetric analysis, along with an introduction to the use of instruments for chemical analysis. Lecture two hours per week; laboratory six hours per week.

*Prerequisites:* CHEM 112, 112L.

## CHEM 231 Organic Chemistry (3)

An introduction to the chemistry of carbon-containing compounds. A systematic study of nomenclature, structure, properties, and reactions of aliphatic and aromatic compounds. Attention is given to recent developments and interpretation of structure and reaction mechanisms. Lecture three hours per week.

*Prerequisites:* CHEM 112 and 112L or their equivalents.

*Co-requisite:* CHEM 231L.

**CHEM 231L Introduction to Organic Chemistry Laboratory Techniques (1)**

Theories underlying standard organic laboratory techniques are introduced. The student then applies these methods to the synthesis, isolation and purification of representative organic compounds. The student is introduced to the use of instrumental and spectral methods in organic chemistry.

*Co-requisite:* CHEM 231.

**CHEM 232 Organic Chemistry (3)**

An introduction to the chemistry of carbon-containing compounds. A systematic study of nomenclature, structure, properties and reactions of aliphatic and aromatic compounds. Attention is given to recent developments and interpretation of structure and reaction mechanisms. Lecture three hours per week.

*Prerequisites:* CHEM 231 and 231L.

*Co-requisite:* CHEM 232L.

**CHEM 232L Organic Synthesis and Analysis (1)**

The methodology and strategy of organic synthesis are developed further through the use of synthetic procedures. The combined use of chemical and spectral methods to identify organic compounds is continued.

*Prerequisites:* Both CHEM 231 and 231L.

*Co-requisite:* CHEM 232.

**CHEM 283 Intermediate Special Topics in Chemistry and Biochemistry (1-3)**

This course covers a special topic in chemistry or biochemistry, usually in an emerging area of research, in an area of industrial importance, or in an interdisciplinary field, at a level for a sophomore-level chemistry student.

*Prerequisite:* Permission of Instructor  
*NOTE:* An additional lab section, CHEM 283L (0-1) may also be offered.

**CHEM 341 Physical Chemistry I (3)**

Basic principles of chemistry treated primarily from a theoretical viewpoint. The major topics covered are atomic and molecular structure; elementary thermodynamics and statistical mechanics; properties of gases, liquids, and solids; theories of solution; homogeneous and heterogeneous

equilibria; electrochemistry and surface chemistry; spectroscopy; transport processes; and chemical kinetics. Lectures three hours per week.

*Prerequisites:* CHEM 221 and MATH 220; MATH 221 is strongly recommended.

*Co-requisite:* CHEM 341L.

**CHEM 341L Physical Chemistry I Laboratory (1)**

A laboratory program to accompany CHEM 341. Laboratory three hours per week.

*Co-requisite:* CHEM 341.

**CHEM 342 Physical Chemistry II (3)**

Basic principles of chemistry treated primarily from a theoretical viewpoint. The major topics covered are atomic and molecular structure; elementary thermodynamics and statistical mechanics; properties of gases, liquids, and solids; theories of solution; homogeneous and heterogeneous equilibria; electrochemistry and surface chemistry; spectroscopy; transport processes; and chemical kinetics. Lectures three hours per week.

*Prerequisites:* CHEM 341 and 341L.

*Co-requisite:* CHEM 342L.

**CHEM 342L Physical Chemistry II Laboratory (1)**

A laboratory program to accompany CHEM 342. Laboratory three hours per week.

*Prerequisites:* CHEM 341 and 341L.

*Co-requisite:* CHEM 342.

**CHEM 343 Introduction to Modeling in Chemistry (1)**

An introduction to computer modeling of various properties and structures of molecules, thermodynamic properties and structures of simple crystals, and the kinetics of chemical reactions.

*Prerequisite:* CHEM 231.

**CHEM 351 Biochemistry (3)**

An introduction to the chemistry of biological compounds. A systematic study of carbohydrates, lipids, amino acids, proteins, nucleic acids and their components is presented. Metabolism of biological compounds is studied, as are the interrelations among the carbon,

nitrogen and energy cycles. Lectures three hours per week.

*Prerequisites:* CHEM 232 and 232L.

**CHEM 352 Biochemistry II (3)**

A continuation of CHEM 351 with an emphasis on the chemistry of physiological systems. Topics to be included are the biosynthesis of amino acids and nucleotides, molecular biology, biochemistry of contractile systems, active transport, drug metabolism and neurochemistry.

*Prerequisite:* CHEM 351.

**CHEM 353 Chemical Biology (3)**

This literature-based course examines current topics in chemical biology, including in vitro evolution, chemical modification of nucleic acids and proteins, single molecule techniques and pre-steady state kinetics. Students will develop skills in reading the literature critically.

*Prerequisite:* CHEM 351

**CHEM 354L Biochemistry Lab (1)**

A laboratory program designed to introduce the student to the study of biological molecules. Experiments will include procedures for the quantification, isolation and characterization of various cellular components.

*Prerequisite:* CHEM 351.

**CHEM 355 Research Methods in Biochemistry (2)**

A capstone laboratory experience for biochemistry or molecular biology concentration Biology majors where students work independently to complete a guided research project.

*Prerequisite:* CHEM 354L

**CHEM 356 Biochemical Basis of Disease (2)**

This course explores the biochemical underpinnings of disease. Topics include prion disease, Alzheimer's antibiotic resistance, obesity, heart disease, diabetes, cancer and others. The readings for this course will be from the scientific and medical literature and students will be presenting articles to their classmates.

*Prerequisite:* CHEM 351



**CHEM 371 Chemical Synthesis and Characterization (3)**

A study of the chemistry of and methods for the synthesis, separation and identification of chemical compounds. Emphasis is given to specialized techniques involved in synthesizing organic and inorganic compounds, and to identification of compounds by spectral methods. Lectures one hour per week; laboratory six hours per week.

*Prerequisites:* CHEM 221, 232, 232L.

**CHEM 381 Internship (1-4)**

A field internship in a non-academic lab. A faculty advisor will be appointed to award the grade to be received. Arrangements for the internship must be made prior to the semester in which it is carried out. One hour of credit will be awarded for each 45 lab hours completed.

*Prerequisites:* Junior or senior standing and at least a 2.5 GPA both overall and in the major.

*Note:* Repeatable up to a maximum of four credit hours earned.

**CHEM 397 Research Experience Chemistry and Biochemistry (0)**

A student works under faculty supervision to learn a research method, to explore possible research topics, or to continue an ongoing study. The faculty member helps the student to determine the course goals and objectives, and supervises the execution of the project. The student will provide a written report to the faculty at the end of the semester. Students will receive a grade of "S" (satisfactory) or "U" (unsatisfactory) for the course.

*Prerequisites:* Only majors may take a Zero Credit Research course. Permission of the instructor and approval of the department chair.

**CHEM 399 TUTORIAL (3, Repeatable up to 12)**

Individual instruction given by a tutor in regularly scheduled meetings (usually three hours per week).

*Prerequisites:* Junior standing plus permission of the tutor and the department chair.

**CHEM 481 Introductory Research I (2)**

An opportunity is provided to use the literature and to apply a variety of experimental techniques in the

investigation of selected problems under the direction of a faculty mentor in inorganic, analytical, organic, physical, or biochemistry. A seminar, written report, poster, or other presentation is required. Arrangements for a project should be made with the faculty mentor during the semester prior to that in which it is carried out.

**CHEM 482 Introductory Research II (2)**

A continuation of CHEM 481. Open to students who have done satisfactory work in CHEM 481. A seminar, written report, poster or other presentation separate from that required for CHEM 481 is required.

**CHEM 490 Chemistry and Biochemistry Seminar (1)**

A weekly seminar to prepare students for careers in chemistry and biochemistry and to present recent advances in the field. Seminar one hour per week. May be repeated once for credit.

*Prerequisite:* Junior or senior standing.

**CHEM 492 Senior Seminar (1)**

A weekly seminar to be taken during the calendar year in which a student is to graduate. Oral and written projects will be required as well as an exit examination. Seminar, one hour per week.

*Prerequisites:* CHEM 341 and senior status.

**CHEM 499 Bachelors's Essay (6)**

A year-long research and writing project done during the senior year under the close supervision of a mentor from the department. The student must take the initiative in seeking a mentor to help in both the design and the supervision of the project. A project proposal must be submitted in writing and approved by the department prior to registration for the course. A specific format is required for the preparation of the final document.

**CHEM 511 Advanced Inorganic Chemistry (3)**

An advanced course that aims to provide a balanced view of the theoretical principles involved in present-day inorganic research. Topics include atomic structure, chemical bonding, coordination chemistry, symmetry and applications, organometallic chemistry, and chemistry of the main group elements.

*Co-requisites or prerequisites:* CHEM 341 and 342.

**CHEM 512L Advanced Inorganic Chemistry Laboratory (1)**

A study of advanced methods for synthesis, separation and identification of inorganic compounds. Laboratory three hours per week.

*Prerequisite:* CHEM 511.

**CHEM 521 Instrumental Analysis (4)**

Theory and principles underlying the techniques of modern analytical chemistry. The student carries out qualitative and quantitative analysis using chromatographic, spectrophotometric, electroanalytical, magnetic resonance, radiochemical and other selected instrumental techniques. Lectures three hours per week; laboratory three hours per week.

*Prerequisite:* CHEM 221.

**CHEM 522 Environmental Chemistry (3)**

An introduction to the chemistry of natural systems with an emphasis on marine and coastal and other problems. The cycling of chemical species, the effect of man-made inputs, and environmental analytical methodology will be stressed. Lectures three hours per week.

*Prerequisite:* CHEM 221.

**CHEM 522L Environmental Chemistry Laboratory (1)**

An introduction to sampling and measurement techniques used to characterize the environment. Electrochemical, spectroscopic and chromatographic techniques will be used with both laboratory and field investigations. Laboratory three hours per week.

*Co-requisite or prerequisite:* CHEM 522.

**CHEM 526 Introduction to Nuclear and Radiochemistry (1)**

An introduction to the fundamental theories and applications of nuclear and radiochemistry. This short course surveys the structure of the nucleus, radioactive decay modes, the detection and measurement of nuclear radiation and application of radiochemical method as to medical, environmental and scientific problems. Lecture three hours per week.

*Prerequisites:* CHEM 221 or CHEM 231 and CHEM 231L, or permission of the instructor.

*Note:* A student cannot receive credit for both CHEM 526 and CHEM 528.

### **CHEM 528 Nuclear and Radiochemistry (3)**

An introduction to nuclear and radiochemistry stressing the fundamentals of nuclear structure; systematics of nuclear decay; the detection and measurement of radiation; radiation protection; and the role of nuclear chemistry in medical, environmental and scientific applications. The nuclear fuel cycle and nuclear waste problems will be discussed. Lectures three hours per week.

*Prerequisites:* CHEM 221 or 231 and 231L, or permission of the instructor.

*Note:* A student cannot receive credit for both CHEM 526 and CHEM 528.

### **CHEM 531 Advanced Organic Chemistry (3)**

The major concepts of organic chemistry are reviewed along with a review of relevant material already presented in introductory organic chemistry courses. Special topics may include heterocycles, organic polymers, organic reaction mechanisms, spectral utilization, synthesis methodology, the utilization of molecular orbitals and orbital symmetry for certain organic reactions. Lectures three hours per week.

*Prerequisite:* CHEM 232.

### **CHEM 541 Advanced Physical Chemistry (3)**

A supplemental course to CHEM 341 and 342 dealing primarily with molecular structure and bonding and with statistical thermodynamics.

*Prerequisite:* CHEM 342.

### **CHEM 583 Advanced Special Topics in Chemistry and Biochemistry (1-3)**

This course covers a special topic in chemistry or biochemistry, usually in an emerging area of research, in an area of industrial importance, or in an interdisciplinary field, at a level appropriate for a junior or senior level chemistry student.

*Prerequisite:* Permission of Instructor.

*NOTE:* An additional lab section, CHEM 583L (0-1) may also be offered.

## **Chinese Courses**

### **CHNS 101 Elementary Mandarin Chinese (4)**

Introduces the fundamental structures of Chinese, with emphasis on acquisition of basic language skills: reading and listening comprehension, oral and written expression.

*Prerequisite:* Open only to beginning students of Chinese.

### **CHNS 102 Elementary Mandarin Chinese (4)**

Introduces the fundamental structures of Chinese, with emphasis on acquisition of basic language skills: reading and listening comprehension, oral and written expression.

*Prerequisite:* Placement or CHNS 101.

### **CHNS 201 Intermediate Mandarin Chinese (4)**

Develops basic proficiency in Chinese and familiarity with Chinese culture through practice in the use of the basic language skills and acquisition of vocabulary.

*Prerequisite:* Placement or CHNS 102.

### **CHNS 202 Intermediate Mandarin Chinese (4)**

Develops basic proficiency in Chinese and familiarity with Chinese culture through practice in the use of the basic language skills and acquisition of vocabulary.

*Prerequisite:* Placement or CHNS 201.

### **CHNS 313 Conversation and Composition (3)**

Further practice in the written and spoken Chinese. Assigned readings and compositions. As much as possible, the course will be conducted primarily in Mandarin Chinese.

*Prerequisite:* CHNS 202 or placement.

### **CHNS 314 Conversation and Composition (3)**

Further practice in the written and spoken Chinese. Assigned readings and compositions. As much as possible, the course will be conducted primarily in Mandarin Chinese.

*Prerequisite:* CHNS 313 or placement.

### **CHNS 330 Collateral Study (1-3)**

Individually supervised course of reading in Chinese and in the subject area of a concurrent course offered by another department. The nature and extent of readings will be determined in consultation among student, instructor of the primary subject matter course, and the language instructor who will supervise and evaluate the student's linguistic performance. A collateral study course may be repeated up to a maximum of six credit hours in conjunction with other primary courses.

### **CHNS 390 Chinese Special Topics in Chinese (3)**

Intensive study of a particular subject or theme. Specific topics will be listed in the Schedule of Courses when offered (e.g., "Survey of Modern Chinese Literature").

*Prerequisite:* CHNS 313 or 314 or permission of the instructor.

### **CHST 100 Chinese Civilization (3)**

Survey course on the foundations of Chinese civilization, from the beginnings to early 20th century. Introduction to the language, geography, archaeology, history, religion, and intellectual and material heritage of China, examined through a selection of primary and secondary sources. Presentation of social, economic, and political traditions that shaped today's China.

### **CHST 240 Special Topics in Chinese Studies (3)**

An examination of a broad chronological or thematic area of Chinese Studies for which no regular course is offered. The course may be repeated for credit if the content is different. The specific content will be listed when the course is offered. To be taught in English.

### **CHST 270 Stories of Chinese Youth: Chinese Cinema (3)**

Featuring primarily the films of mainland China, this course introduces Chinese traditions and values, and examines and analyzes the dramatic economic, social, and cultural transformation of contemporary Chinese society.

### **CHST 340 Special Topics in Chinese Studies (3)**

An examination of a specific and limited chronological or thematic area of Chinese Studies for which no regular course is

offered. The course may be repeated for credit if the content is different. The specific content will be listed when the course is offered. Course will be taught in English.

### **LTCH 210 Traditional Chinese Literature in Translation (3)**

This course is an introduction to traditional Chinese literature. It provides the students an opportunity to enjoy the most well-known poems of the great Chinese poets and the stories of fantasy and romance. The course will also provide a general introduction to Chinese philosophy.

### **LTCH 220 Modern Chinese Literature in Translation (3)**

Survey course on modern Chinese literature in translation, introducing major authors, works, and genres of its formative period. The course will address such issues as the emergence of urban culture, Chinese national identity, modernity, feminism, emancipation, modern nation building, and the role and significance of art and literature in modern China.

### **LTCH 250 Chinese Literature in (English) Translation (3)**

Study of selected works, representing major literary periods and genres that illuminate Chinese culture.

## **Classics Courses**

### **CLAS 101 Ancient Greek Civilization (3)**

A survey of ancient Greek literature, art, society, and history, from the Minoan period to the imperial era, with an emphasis on fifth-century Athens.

### **CLAS 102 Roman Civilization (3)**

A survey of Roman literature, art, society, and history, from the Etruscan period to the era of Constantine, with an emphasis on the Augustan age.

### **CLAS 103 Classical Mythology (3)**

An introduction to the divine myths and heroic legends of ancient Greece and Rome as found in literature and art. Other topics will include theories, both ancient and modern, about myth; the functions of myth in religion and society; and the

influence of classical myth on subsequent literature and art.

### **CLAS 104 Introduction to Classical Archaeology (3)**

A survey of major sites, artifacts, and monuments of the Classical world from Bronze Age Greece through Imperial Rome. Emphasis on the development of archaeology as a discipline and issues such as recording and interpretation of evidence, relationship between historical and archaeological events and use and misuse of ancient texts.

### **CLAS 105 History of the Classical World (3)**

A survey of major developments in the history of Ancient Greece and Rome. Proceeding in chronological order, the course covers more than 2,000 years of history, from the development of Bronze Age civilizations and continuing through the fall of the Roman Empire. Drawing upon diverse primary sources, class sessions will explore developments in political, social, economic, cultural and intellectual history.

### **CLAS 111 Medical Terminology in Greek and Latin (3)**

This course offers a systematic approach to understanding the technical vocabulary of the medical professions through an analysis of Latin and Greek elements in English words and the underlying etymological principles.

*Note: This course does not count toward the minimum degree requirement in humanities.*

### **CLAS 121 Classical Greece (3)**

An introduction to the art, architecture, history, and society of classical Greece through first-hand examination of major archaeological sites, visits to museums, and lectures.

*Note: This is a travel course. Students must be able to walk along moderately difficult trails.*

### **CLAS 122 Bronze Age Greece (3)**

An introduction to the art, architecture, history, and society of Greece during the Aegean Bronze Age through first-hand examination of major archaeological sites, visits to museums, and lectures.

*Note: This is a travel course. Students must be able to walk along moderately difficult trails.*

### **CLAS 203 Special Topics (3)**

An examination of selected themes or issues in ancient Greek or Roman

civilization. May be repeated for credit if the subject matter varies.

### **CLAS 221 Field Methods in Classical Archaeology I (3)**

Introduction to major methods of fieldwork through active participation in an archaeological project.

*Note: This is a travel course.*

### **CLAS 222 Field Methods in Classical Archaeology II (3)**

A continuation of CLAS 221 with further development of methods of archaeological fieldwork through active participation in an archaeological project.

*Co-requisite or prerequisite: CLAS 221.*

*Note: This is a travel course.*

### **CLAS 242 Images of Women in Classical Antiquity (3)**

A survey of the roles of women in classical Greece and Rome. Beginning with the prehistoric cultures of Crete and Mycenae, students analyze the roles of women through an examination of the images of women in art, literature and historical documents of ancient Greece and Rome.

### **CLAS 253 Ancient Epic (3)**

Historical backgrounds and study of the ancient epic tradition as a whole. Reading and analysis of Homer's Iliad and Odyssey, Apollonius' Argonautica, and Virgil's Aeneid.

### **CLAS 254 Tragedy (3)**

A survey of Greek and Roman tragedy as represented by the works of Aeschylus, Sophocles, Euripides, and Seneca.

### **CLAS 255 Comedy (3)**

A survey of Greek and Roman comedy as represented by the works of Aristophanes, Menander, Plautus and Terence.

### **CLAS 256 Ancient Satire (3)**

The beginnings and development of satirical literature at Rome and the later adaptation of the genre. Concentration on the works of Horace, Juvenal, Martial, and Lucian.

### **CLAS 270 The Romans in Cinema (3)**

This course will consider Roman civilization and its creative representation in motion pictures. Topics to be explored include the historical development of the

Roman Empire; the social institution of slavery; public entertainment in the circus and amphitheater; and the religion of pagans, Jews, and Christians.

**CLAS 290 Special Topics in Classics (3)**

Intensive studies designed to supplement or to investigate more fully the offerings in the Classics curriculum.

**CLAS 301 Topics in Ancient Greek Literature (3)**

An intensive examination of selected figures, themes, or issues in ancient Greek literature. May be repeated for credit if the subject matter varies.

*Prerequisite:* Three semester hours in Classics or permission of the instructor.

**CLAS 302 Topics in Latin Literature (3)**

An intensive examination of selected figures, themes, or issues in Latin literature. May be repeated for credit if the subject matter varies.

*Prerequisite:* Three semester hours in Classics or permission of the instructor.

**CLAS 303 Topics in Classical Civilization (3)**

An intensive examination of selected figures, themes, or issues in ancient Greek or Roman civilization. May be repeated for credit if the subject matter varies.

*Prerequisite:* Three semester hours in Classics or permission of the instructor.

**CLAS 390 Special Topics (3)**

**CLAS 399 Tutorial (3)**

Individual instruction given by a tutor in regularly scheduled meetings (usually once a week).

*Prerequisites:* Junior standing, plus permission of the tutor and the Classics program director.

**CLAS 401 Research Seminar in Classics (3)**

A topical seminar focused around a central theme, figure or issue in ancient Greek or Roman civilization. A major research paper is required. Specific topic will be listed with the course title when offered. May be repeated for credit if the topic varies.

*Prerequisites:* Junior or senior standing and permission of the instructor and program director.

**CLAS 499 Bachelor's Essay (6)**

Individual research project supervised by an advisor.

*Prerequisites:* Junior standing, plus permission of the advisor and the Classics program director.

## Communication Courses

**COMM 104 Public Speaking (3)**

The fundamentals of oral communication as they pertain to public speaking. An introduction to the techniques and skills involved in preparing and delivering various types of speeches. Attention is given to voice, diction, and platform presence.

*Note: This course does not count toward major requirements. Students who have completed COMM 110/111 may not subsequently receive credit toward graduation for COMM 104.*

**COMM 105 Forensic Lab (1, Repeatable up to 4)**

Preparation for participation in intercollegiate forensics and competitive speech activities including debate, prepared and limited time speaking events, and oral interpretation events. Participation on and travel with the college forensic team are required.

*Note: This course does not count toward the major or minor requirements.*

**COMM 211 Oral Interpretation (3)**

A study of the form and content of poetry, prose, and dramatic literature as they affect the performance of the oral interpreter.

*Note: This course does not count toward major or minor requirements.*

**COMM 214 Media in the Digital Age (4)**

This course explores theories of mature and emerging communication media, with emphasis on their development, functions, ethical implications, and legal status. Personal media and mass media are considered.

*Corequisite:* COMM 214D

**COMM 214D Media in the Digital Age Discussion (0)**

Discussion section which accompanies COMM 214.

*Corequisite:* COMM 214

**COMM 215 Communication, Identity and Community (4)**

This course explores the symbolic and social construction of meaning through the study of social-scientific theories of communication. Considers the implications of communication for group and organizational identity and the formation of relationships in a variety of contexts. This course meets for 3 hours; the 4th hour will be scheduled independently by the professor.

**COMM 280 Introduction to Communication Messages (3)**

This course provides students majoring in communication with a foundation in writing and speaking competencies essential to success in the communication major. The course is scheduled across two academic terms (e.g. fall semester, spring semester). This is the 1st course in a year-long sequence.

**COMM 281 Introduction to Communication Messages (3)**

This course provides students majoring in communication with a foundation in writing and speaking competencies essential to success in the communication major. The course is scheduled across two academic terms (e.g. fall semester, spring semester). This is the 2nd course in a year-long sequence.

*Prerequisite:* COMM 280

**COMM 301 Communication Research Methods (3)**

Qualitative and quantitative methods employed in communication research, including experiments, surveys, textual analysis, and ethnography.

*Prerequisites:* COMM 104 or COMM 280; COMM 214 or COMM 215; MATH 104 or MATH 250; junior or senior status; or permission of the instructor. A grade of C- or better must be earned for all pre-requisite courses.

**COMM 310 Message Design and Influence (3)**

Crafting messages for particular contexts and publics. Students develop advanced

writing skills and demonstrate proficiency in information gathering, message design and visual communication. Topics vary depending on the course section and instructor. Students can take this course up to three times and earn credit, as long as the course content varies, and with permission of the department chair.

*Prerequisites:* COMM 104 or COMM 280; COMM 214 or COMM 215; CSCI 112 or higher; or department chair permission. Pre- or co-requisite COMM 281. A grade of C- or better must be earned or all prerequisite courses.

NOTE: Repeatable up to 9 credit hours.

### **COMM 315 Ethical Communication (3)**

This course uses case studies and the analysis of historical and contemporary issues to illuminate ethical concerns in or across specific communication contexts. Topics vary depending on the course section and instructor. Students can take this course up to three times and earn credit, as long as the course content varies, and with permission of the department chair.

*Prerequisites:* COMM 104 or COMM 280; COMM 214 or COMM 215; or department chair permission. A grade of C- or better must be earned in all prerequisite courses.

NOTE: Repeatable up to 9 credit hours.

### **COMM 336 Addressing Problems in Context (3)**

This course engages students in identifying analyzing and proposing solutions to one or more communication problems. Topics vary depending on the course section and instructor. Students can take this course up to three times and earn credit, as long as the course content varies, and with permission of the department chair.

*Prerequisites:* COMM 104 or COMM 280; COMM 214 or COMM 215; or department chair permission. A grade of C- or better must be earned for all prerequisite courses.

NOTE: Repeatable up to 9 credit hours.

### **COMM 380 Studies in Communication (1-3)**

Special studies in oral, written or print communication theory and broadcast journalism. Students can take this course up to three times and earn credit, as long

as the course content varies, and with permission of the department chair.

*Prerequisites:* Three COMM credit hours; or department chair permission.

### **COMM 389 Public Opinion in American Politics (3)**

This course covers the formation, expression, and measurement of American public opinion, with a particular focus on the role of media in shaping and representing opinion, in order to better understand how citizens think about and react to the political world.

*Prerequisite:* POLI 101 or COMM 214; or department chair permission. If the prerequisite is fulfilled with COMM 214, a grade of C- or better must be earned.

### **COMM 394 Political Campaign Communication (3)**

This course examines the communication strategies employed in local, state, and national political campaigns. Topics include message design, political speeches, political advertising, and media relations.

*Prerequisite:* POLI 101 or COMM 214 permission for the instructor. If the prerequisite is fulfilled with COMM 214, a grade of C- or better must be earned.

### **COMM 395 American Politics and Mass Media (3)**

This course explores how political discourse and institutions are changing the current mass communication technology and practices. This course pays special attention to the intersection of the media practices and campaigns, the presidency, public opinion and political engagement.

*Prerequisite:* POLI 101 or COMM 214; or department chair permission. If the prerequisite is fulfilled with COMM 214, a grade of C- or better must be earned.

### **COMM 399 Tutorial (3, Repeatable up to 12)**

Individual instruction given by a tutor in a regularly scheduled meeting (usually once a week).

*Prerequisites:* Junior or senior standing, plus permission of the tutor and the department chair.

### **COMM 405 Independent Study in Communication (1-3)**

Research in a specified communication area in consultation with a department member who will guide the work and determine the hours of credit. Open to juniors and seniors with permission of the instructor and the department chair. (Students may receive no more than six hours of credit for this course.)

*Note:* This course applies for major or minor credit with the written permission of the department chair.

### **COMM 410 Analysis of Communication Practice (4)**

Advanced writing course emphasizing the interrogation of historical and/or contemporary communication practices. Topics vary depending on the course section and instructor. This course meets for 3 hours; the 4th hour will be scheduled independently by the professor. Students can take this course up to three times and earn credit, as long as the course content varies, and with permission of the department chair.

*Prerequisites:* COMM 280/COMM 281; COMM 214; COMM 215; COMM 301; COMM 310; or department chair permission. A grade of C- or better must be earned for all prerequisite courses.

NOTE: Repeatable up to 12 credit hours.

### **COMM 480 Capstone in Communication (3)**

This year-long course provides communication majors with a culminating experience at the conclusion of major coursework. Students conduct research and perform critical analyses using key concepts and methodologies of the discipline. Course requirements include field internships or other forms of experiential learning. This is the 1st course in a year-long sequence.

*Prerequisites:* COMM 280; COMM 281; COMM 214; COMM 215; COMM 301; and COMM 310; or department chair permission. A grade of C- or better must be earned in all prerequisite courses.

### **COMM 481 Capstone in Communication (3)**

This year-long course provides communication majors with a culminating experience at the conclusion of major coursework. Students conduct research and perform critical analyses using key concepts and methodologies of

the discipline. Course requirements include field internships or other forms of experiential learning. This is the 2nd course in a year-long sequence.

*Prerequisites:* COMM 280; COMM 281; COMM 214; COMM 215; COMM 301; COMM 310; COMM 410; COMM 480; or department chair permission. A grade of C- or better must be earned for all prerequisite courses.

### **COMM 495 Field Internship (1-3)**

This course provides the student with practical experience working with communication-related organizations (mass media, business, museums, chambers of commerce, government, and service-related organizations). Course may be taken more than once, but no more than six credit hours may be earned.

*Prerequisites:* Junior or senior standing and 2.5 GPA in communication major or minor.

*NOTE: Repeatable up to 6 credit hours.*

### **COMM 499 Bachelor's Essay (6)**

A year-long research and writing project done during the senior year under the close supervision of a tutor from the department. A proposal must be submitted in writing and approved by the departmental honors committee prior to registration for the course. Students will confer regularly with their tutor both on the progress of their research (in the first term) and on the drafts of their paper (in the second term). The finished paper will normally be 50 or more pages and will reflect detailed research in the field.

*Prerequisites:* Senior standing, 3.25 GPA in the communication major, and approval by the departmental honors committee.

## **Comparative Literature Courses**

### **CPLT 200 Introduction to Comparative Literature (3)**

An introduction to the aims, concepts, and methodology of the discipline of comparative literature.

*Prerequisites:* ENGL 110 or equivalent; one additional literature course recommended.

### **CPLT 390 Special Topics in Comparative Literature (3)**

Intensive comparative study of a particular subject or theme across national boundaries.

*Prerequisite:* CPLT 200

### **CPLT 400 Comparative Literature Capstone (1)**

A course in which students revise a paper on a literary topic written for a previously approved course and turn it into a comparative literature paper. Students will most likely need and will be encouraged to do further research for the revision. The project will be supervised by a faculty member with expertise in the student's essay topic. Instead of revising an essay, students may choose to write a new essay on a topic in comparative literature. The completed essay should be 12 to 15 pages long.

*Prerequisite:* Completion of all other coursework for the minor in comparative literature and presented to the program director.

## **Computer Science Courses**

### **CSCI 110 Computer Fluency (3)**

An introduction to computing providing the student with the ability to understand and use emerging technology effectively. Topics include, but are not limited to: how computers work, the ubiquity of computing, applications and operating systems software, cloud computing, the Internet and networks, and computing issues. Lectures three hours per week.

### **CSCI 112 Communications Technology and the Internet (3)**

An introduction to digital communications technology. Topics include networking concepts, Internet and intranet tools, protocols, and security. Also included are the infrastructure and governance of the Internet, with emphasis on personal, business, social, legal, and ethical implications. Lectures three hours per week.

### **CSCI 114 Electronic Publishing and Design (3)**

An investigation of electronic publishing, design theory and practice. Through the use of advanced application software skills, students will explore the tools of electronic communication, such as desktop publishing, website design, introductory graphics, and Internet resources. Lectures three hours per week.

### **CSCI 115 Website Design (3)**

A course that introduces the theory and the best current practices of Web page design, markup and presentation. Topics include the use of XHTML for information structure and CSS for presentation and style. The course will also cover HTML standards, XHTML forms, media types, layout and positioning, tables and lists and accessibility.

### **CSCI 120 Building Virtual Worlds (3)**

This course allows students to author on-screen movie animations and interactive games while learning the fundamentals of object-oriented programming using a user-friendly environment. Students will learn to think algorithmically and abstractly while gaining an appreciation of the complexity of building software systems and a skill set for writing elegant code. Cross-listed with CITA 120.

### **CSCI 180 Computers, Music and Art (3)**

A course introducing the creative side of computing in the context of music, sounds, images, and other digital artifacts. Students will be exposed to media modeling and computational thinking in the liberal arts and sciences. Students will develop several digital artifacts. Cross-listed with CITA 180.

### **CSCI 199 Special Topics in Computing (3)**

A course focusing on selected topics from the beginning level of computer science. Such topics include basic networking concepts, scripting languages, and topical issues in computing. This course may be repeated for additional credit.

### **CSCI 200-Level or Above (Note)**

All computer science majors must attain an overall GPA of at least 2.00 in all computer science courses taken at the 200 level or above.

**CSCI 210 Game Programming (3)**

A course introducing principles of game programming, including computer modeling, data visualization and animations, media transformations, and video game ethics. Students will be exposed to several game engines, a scripting language, and develop at least one game.

*Prerequisite:* CSCI 120 or CSCI 180 or permission of the instructor. Cross-listed with CITA 210.

**CSCI 215 Website Programming (3)**

A course teaching the design and development of interactive Web pages and client-side based Web programs using Rich Internet Applications (RIAs). Students will learn how to manage elements of a Web page using the Document Object Model (DOM), create and validate forms and communicate with Web servers using current Web technologies.

**CSCI 220 Computer Programming I (3)**

An introduction to programming and problem solving using Java. Topics include data types, variables, assignment, control structures (selection and iteration), arrays, methods, classes, and an introduction to object-oriented programming. Lectures three hours per week.

*Prerequisite:* CSCI 120 or CSCI 180 or CSCI 210 or MATH 111 or permission of the department.

*Co-requisite:* CSCI 220L.

**CSCI 220L Programming I Laboratory (1)**

This course is designed to apply the concepts being covered in CSCI 220. Exercises will be assigned each week within a structured setting. Laboratory three hours per week.

*Co-requisite or prerequisite:* CSCI 220.

**CSCI 221 Computer Programming II (3)**

This course further develops object-oriented programming introduced in CSCI 220. Topics include file input/output, inheritance and polymorphism, exceptions, error handling and algorithm analysis. Lectures three hours per week.

*Prerequisites:* CSCI 220 and CSCI 220L.

*Pre or Corequisite:* MATH 207

**CSCI 230 Data Structures and Algorithms (3)**

This course reviews and develops the abstract data type as mathematical models. Data structures and algorithms are developed as the objects and operations of abstract data types. Topics include lists, stacks, queues, trees, graphs, searching, sorting, and analysis of the efficiency of algorithms. Lectures three hours per week.

*Prerequisites:* CSCI 221 and MATH 207.

**CSCI 250 Introduction to Computer Organization and Assembly Language Programming (3)**

An introduction to an assembly language and its implementation in hardware. Topics include the binary and hexadecimal numbering systems, the fetch-execute cycle, the components of the central processing unit, floating point processing, memory, the assembler, and the linker. Programming exercises are developed in the assembly language of a commonly available processor. Lectures three hours per week.

*Prerequisites:* CSCI 220 and 220L.

*Co-requisite or prerequisite:* MATH 207.

**CSCI 299 Special Topics in Computer Science (3)**

A course focusing on a selected topic from the intermediate level of computer science. Such topics include languages not otherwise taught in the computer science curriculum, software and hardware interfacing, system usage, and specific applications programs. This course may be repeated for additional credit.

*Prerequisites:* CSCI 220 and 220L.

**CSCI 310 Advanced Algorithms (3)**

A course that covers algorithms, focusing on computational complexity, approximation, classification, and optimization. Algorithms covered include evolutionary and genetic algorithms, gradient descent techniques, discrete optimization, branch-and-bound, dynamic and stochastic programming, combinatorial optimization and approximation algorithms.

*Prerequisites:* CSCI 230 and MATH 207.

**CSCI 315 Server-Side Web Programming (3)**

This course focuses on service-side web development using current technologies. The course balances conceptual topics with practical skills for designing, implementing, and modeling web services and data structures. Students learn key technologies and the roles they play in distributed computing. Topics include: serialization, service-side databases, and security issues.

*Prerequisites:* CSCI 215 and CSCI 221

**CSCI 320 Programming Language Concepts (3)**

This course introduces the formal study of programming language specifications and develops an understanding of the structure and run-time organization of imperative programming languages. Topics include data types, control structures, functional programming, logic programming, procedure mechanisms, and data abstraction. Lectures three hours per week.

*Prerequisites:* CSCI 221 and MATH 207.

**CSCI 325 Functional and Logic Programming (3)**

This course introduces various approaches to declarative (non-procedural) programming languages. Topics include mathematical functions and the lambda calculus; functional programming; sentential and predicate logic; and logic programming. Lectures three hours per week.

*Prerequisites:* CSCI 221 and MATH 207.

**CSCI 332 Database Concepts (3)**

A course that introduces the student to the basic concepts, organization and implementation models of databases, with an emphasis on the relational model. Among the topics covered are data models, query languages, relational database design using normal forms and database programming, and information assurance and security. Problems will be assigned using a relational DBMS and SQL. Lectures three hours per week.

*Prerequisites:* CSCI 221 and MATH 207.

**CSCI 334 Data Mining (3)**

A course covering data mining concepts, methodologies, and programming. Topics include decision tables and trees, classification and association rules,

clustering, pattern analysis, and linear and statistical modeling. Additional topics may include data cleaning and warehousing and techniques for text and web mining.

*Prerequisites:* CSCI 221, MATH 207 and MATH 250.

### **CSCI 340 Operating Systems (3)**

The course will introduce operating systems principles with an emphasis on multiprogramming systems. Among the concept areas covered are real and virtual storage management, processor management, process synchronization and communication, IO management, and file management. Lectures three hours per week.

*Prerequisites:* CSCI 230, 250, and MATH 207.

### **CSCI 350 Digital Logic and Computer Organization (3)**

A course designed to introduce the student to the basic principles of digital logic design. Topics covered will include Boolean algebra and gate networks, flip-flops and logic design, the arithmetic-logic unit, memory units, input-output devices and interfacing, control units, and digital circuits. Lectures three hours per week.

*Prerequisite:* CSCI 250.

*Co-requisite or prerequisite:* MATH 307.

### **CSCI 360 Software Architecture and Design (3)**

This course covers the object-oriented analysis and design of software. Topics include the unified modeling-language, domain modeling, software architecture, design processes, principles, heuristics, and patterns. Student teams analyze, design, and implement a software system. Related ethical issues are explored. Lectures three hours per week.

*Prerequisites:* CSCI 230

*Co-requisite or prerequisite:* COMM 104.

### **CSCI 362 Software Engineering (3)**

This course examines the discipline and practice of software engineering, providing historical and contemporary views, while examining software development process models with emphasis on the pertinent roles, activities, and artifacts present at each

stage of development. Related ethical issues are explored. Lectures three hours per week.

*Prerequisites:* CSCI 230

*Co-requisite or prerequisite:* COMM 104.

### **CSCI 380 User Interface Development (3)**

Introduction to human-computer interaction and user interface development. Topics include human factors of interactive software, interactive styles, design principles and considerations, development methods and tools, interface quality, and evaluation methods. Stresses the importance of good interfaces and the relationship of user interface design to human-computer interaction. Lectures three hours per week.

*Prerequisites:* CSCI 221 and MATH 207 or permission of the instructor.

### **CSCI 392 Seminar on Computing and Society (3)**

A seminar course to prepare majors for careers in CS by discussing and studying professional, ethical, legal, and social issues and responsibilities in computing. Local and global impact of computing on individuals, organizations, and society will also be addressed. Oral presentations and written work will be required.

*Prerequisite:* CSCI 221.

### **CSCI 397 Research Experience in Computer Science (0)**

A student works under faculty supervision to learn a research method, to explore possible research topics, or to continue an ongoing study. The faculty member helps the student to determine the course goals and objectives, and supervises the execution of the project. The student will provide a written report to the faculty at the end of the semester. Students will receive a grade of "S" (satisfactory) or "U" (unsatisfactory) for the course.

*Prerequisite:* Only majors may take a Zero Credit Research course. Permission of the instructor and approval of the department chair.

### **CSCI 399 Tutorial (3, Repeatable up to 12)**

Individual instruction given by a tutor in regularly scheduled meetings (usually once a week).

*Prerequisites:* Junior standing plus permission of the tutor and the department chair.

### **CSCI 410 Automata and Formal Languages (3)**

Topics to include finite automata and regular expressions, pushdown automata and context-free grammars, the Chomsky hierarchy, Turing machines, undecidability and computational complexity. Lectures three hours per week.

*Prerequisite:* MATH 307.

### **CSCI 420 Principles of Compiler Design (3)**

A course in the formal treatment of programming language translation and compiler design concepts. Topics include scanners, parsers, and translation. Lectures three hours per week.

*Prerequisites:* CSCI 230, 320 and MATH 307.

### **CSCI 432 Concepts of Database Implementation (3)**

A course to study aspects of the implementation of some of the concepts from CSCI 332. Topics include file organization on secondary storage devices, buffer management, B-trees, hash tables, join algorithms and query from an advanced standpoint: device management, physical database design, query processing, and optimization. Lectures three hours per week.

*Prerequisites:* CSCI 332 and MATH 307.

### **CSCI 440 Computer Networks (3)**

An introduction to networking theory and practice. Topics include transmission media and modulation; error detection; protocols – particularly TCP/ IP; packet switching and circuit switching; physical, data link, network, transport, and application layers; LANs and WANs; network topologies; internetworking and the Internet; queuing theory and mathematical analysis of networks.

*Prerequisites:* CSCI 340, MATH 250, and MATH 307.



**CSCI 450 Architecture of Advanced Computer Systems (3)**

A course designed to introduce the student to the basic principles behind the architecture of high-speed computer systems. Topics to be covered include performance and cost measures for computer systems, memory-hierarchy design, pipeline techniques, vector processor architectures, and parallel algorithms. Lectures three hours per week.

*Prerequisite:* CSCI 340 or CSCI 350.

**CSCI 459 Service-Oriented Computing (3)**

This course explores both Service-Oriented Architecture (SOA) and Business Process Management (BPM) enterprise software layers. Students will learn how business and IT concerns can be aligned. Students gain experience with service-oriented software development, process modeling and execution, and securing services.

*Prerequisites:* CSCI 221; CSCI 230 or CSCI 315

**CSCI 462 Software Engineering Practicum (3)**

This course provides hands-on experience in the practice of group-based software development. Student teams utilize development tools and techniques to implement software solutions to moderately complex problems. This project-based component provides a framework in which students gain both understanding and insight into the application of software engineering principles. Lectures three hours per week.

*Prerequisites:* CSCI 230 and either CSCI 360 or 362.

*Co-requisite or prerequisite:* COMM 104.

**CSCI 470 Principles of Artificial Intelligence (3)**

A course introducing fundamental techniques for artificial intelligence. Among topics covered are heuristic search, knowledge representation, intelligent agents, reasoning, neural networks, genetic algorithms, and artificial intelligence programming. Additional topics may include Bayesian networks, natural language processing, machine learning, rule-based systems, robotics, and data science.

*Prerequisites:* CSCI 230 and MATH 307.

**CSCI 480 Principles of Computer Graphics (3)**

An introduction to the fundamental principles of computer graphics. Among the topics covered are graphics hardware, 2-D graphics (including line and circle drawing, transformations, windows, viewports and clipping), 3-D perspective graphics, back-face removal, one or more hidden-surface graphics and simple light models. Lectures three hours per week.

*Prerequisites:* CSCI 230, MATH 220, and MATH 307.

**CSCI 490 Special Topics (3)**

An intensive investigation of an area of current interest in computer science. Examples of special topics include: Image Processing; Systems Programming; Computability; Design Patterns. Lectures three hours per week.

*Prerequisite:* Permission of the instructor.

**CSCI 499 Bachelor's Essay (6)**

A year-long research and writing project done during the senior year under the close supervision of a tutor from the department. The student must take the initiative in seeking a tutor to help in both the design and the supervision of the project. A project proposal must be submitted in writing and approved by the department prior to registration for the course.

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## Computing in the Arts Courses

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**CITA 120 Building Virtual Worlds (3)**

This course allows students to author on-screen movie animations and interactive games while learning the fundamentals of object-oriented programming using a user-friendly environment. Students will learn to think algorithmically and abstractly while gaining an appreciation of the complexity of building software systems and a skill set for writing elegant code. Cross-listed with CSCI 120.

**CITA 180 Computers, Music and Art (3)**

A course introducing the creative side of computing in the context of music, sounds, images, and other digital

artifacts. Students will be exposed to media modeling and computational thinking in the liberal arts and sciences. Students will develop several digital artifacts. Cross-listed with CSCI 180.

**CITA 210 Game Programming (3)**

A course introducing principles of game programming, including computer modeling, data visualization and animations, media transformations, and video game ethics. Students will be exposed to several game engines, a scripting language, and develop at least one game.

*Prerequisite:* CSCI 120 or CSCI 180 or permission of the instructor. Cross-listed with CSCI 210.

**CITA 295 CITA Seminar (1)**

A seminar course to develop through readings, discussion, and writing exercises the integration of themes developed across computing in the arts. Students will benefit from participating with junior and senior majors in a group seminar in preparation for their own enrollment in CITA 495. Open to CITA majors only.

*Prerequisites:* CSCI/CITA 210, CSCI 221, 9 hours in an art concentration.

**CITA 495 CITA Capstone Seminar (3)**

A capstone course to provide a synthesizing experience for CITA majors across all concentrations. Students will read and analyze the latest research in the expanding field of computing in the arts, and will develop individual research projects integrating their skills and knowledge for both written and oral presentation. Open only to CITA majors with senior standing.

*Prerequisite:* CITA 295

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## Crime, Law, and Society Courses

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**CRLS 200 Crime, Law and Society Field Experience (1-3)**

This course will supplement the classroom study of crime, law and society by providing students with tangible experience in the field and with those who are the subject of our study, including prisoners, lawyers and/or

victims of crime. Field experiences will take place in prison, courtrooms or other settings that allow for the practical application of concepts, theories and practices discussed in the assigned readings and other course materials for the co-requisite class. Instruction will typically follow a seminar format where students are required to actively participate in class discussion.

*Prerequisite:* Students must have the prerequisites for the above co-requisite class or receive permission from the instructor.

*Co-requisites:* CRLS 200 will sometimes be a corequisite to courses that are relevant to the study of crime, law and society including but not limited to POLI 203, POLI 306, POLI 321, POLI 380, POLI 292, POLI 324, PSYC 221, PSYC 310, PSYC 344, SOCY 331, SOCY 341, SOCY 342, SOCY 348, SOCY 361 and CRLS 300.

*Note:* CRLS 200 will not be offered as a co-requisite every time the above courses are offered. Whether CRLS 200 is offered as a required or option co-requisite to the above classes will be determined by the instructor. In some cases, students will have the option of enrolling in CRLS 200 as a co-requisite to one of the above classes but students enrolled in CRLS 200 will be expected to enroll in the co-requisite class.

### **CRLS 300 Special Topics in Crime, Law, and Society (3)**

An examination of a topic in the area of crime, law, and society for which no regular course is offered. The course may be repeated for credit if the content is different. Specific content will be listed when the course is offered.

### **CRLS 310 Policing in a Modern Society**

This course exposes students to the institutions, activities, and legal issues that are part of a law enforcement organization in contemporary America. Students will explore the functions of the police in society to understand how society's demands and expectations affect police operations, and how police operations affect society.

### **CRLS 311 Community Policing: Issues and Strategies**

In this course, students will learn about the competing definitions and perspectives of community policing and how they influence police operations and police community relations. Students will

also examine research on the effectiveness of community policing in preventing crime and enhancing community responses to criminal activity.

### **CRLS 400 Internship (1-6)**

As the ending experience in the minor, the internship challenges students to apply knowledge learned in the classroom to a field experience with an organization that works with the victims and/or perpetrators of crime. The internship involves 120 hours of work in an organization, scheduled meetings with the program coordinator and a significant writing project.

*Prerequisites:* Junior standing, SOCY 341, POLI 203, and permission of the program director. An internship should be arranged the semester before the student plans to complete it. Internships should be completed during the fall or spring semesters. Exceptions may be made for summer internships in extraordinary circumstances.

### **CRLS 401 Crime, Law and Society Advanced Field Experience (1-6)**

This course will study crime, law and society by meeting in the field rather than on campus in the traditional classroom setting. As a result, the class will meet in a prison, a courtroom or other setting relevant to the study of crime and law. The setting for the class will vary depending on the specific crime and/or law-related topic being examined.

*Prerequisite:* By permission of instructor - please see the Director of the Crime, Law and Society Program for additional information

*Note:* This class will not be offered on a regular basis.

## **Dance Courses**

### **DANC 235 Jazz Dance Technique (2)**

This course is an exploration of various jazz dance techniques and styles for dance majors. Emphasis will be on practical application of course material, technical acquisition, performance quality, and an understanding of the basic tenets of this eclectic dance genre.

*Prerequisite:* Declared Dance major

### **DANC 237 Modern Dance Technique I (2)**

The first level in a sequential curriculum designed for the dance major, this course explores different styles of classical modern dance technique with an emphasis on correct alignment and technical execution of movement through practical application of course material.

*Prerequisite:* Declared Dance major

### **DANC 285 Classical Ballet Technique I (2)**

The first level in a sequential curriculum designed for the dance major, this course in classical ballet technique emphasizes correct alignment and execution of technique for effective expression as a performing artist. Emphasis on practical application of concepts, including barre and center work.

*Prerequisite:* Declared Dance major.

### **DANC 289 Special Topics in Dance (2)**

This movement-based course is a basic investigation of specific area, technique, or supplementary practice within the dance field, with specific topics determined by instructor. May be repeated for credit with different course topics.

*NOTE:* Repeatable up to 4 credit hours with different course content.

### **DANC 290 Special Topics in Dance (1-3)**

Basic investigation of specific area within the dance field. May be repeated for credit with different course topics.

*NOTE:* Repeatable up to 6 credit hours with different course content.

### **DANC 330 History of Non-Western Dance (3)**

Explores the complex relationships between dance and its surrounding cultural landscape. Offers a critical evaluation of the role that dance plays in non-western societies and its functions within various culture. Investigates how dance is defined by the political, social, religious, economic, and moral values of a society.

### **DANC 331 History of Western Dance (3)**

A comprehensive historical study of the development of dance in western culture

from pre-Christianity to the present. Review of significant genres, dancers, choreographers, works, and companies. Explores how dance is both a function of society and theatrical entertainment. Overview of accompanying developments in music, theatre, and related fine arts.

### **DANC 332 Dance Improvisation and Choreography (3)**

Introduction to the principles of dance choreography. Emphasis upon the creative processes involved in the craft of choreography will be explored through practical studio work. Improvisation as a means of generating movement material will also be explored.

*Prerequisites:* DANC 237 and DANC 285 or equivalent; declared Dance major

### **DANC 333 Dance Choreography II (3)**

Further exploration of the craft and art of dance choreography, as well as the critical reflection found in dance criticism. Emphasis is on the creation of new work, particularly group dances. The course is comprised of practical studio work and will culminate in a public showing of choreography.

*Prerequisites:* DANC 332 and permission of instructor; declared Dance major

### **DANC 337 Modern Dance Technique II (2)**

A continuation of DANC 237. The second level of a technique course in modern dance technique designed for the dance major, this course explores different styles of classical modern dance with an emphasis on correct alignment and refinement of technique through practical application of course material.

*Prerequisite:* Grade of C+ or higher in DANC 237 and declared Dance major

*Note:* May be repeated once for credit.

### **DANC 351 Dance Pedagogy and Practice (3)**

Theoretical study and practical application of dance instruction, including teaching methods, lesson plans, observation, and teaching. The course emphasizes educational dance instruction designed for children, youth, and adults. Students will be required to view dance education practices with analysis and criticism.

*Prerequisites:* Junior or senior standing, declared Dance major

### **DANC 399 Tutorial in Dance (1-3)**

Individual instruction given by a tutor in regularly scheduled meetings (usually once a week).

*Prerequisites:* Junior or senior standing; permission of instructor

*NOTE:* Repeatable up to 12 credit hours.

### **DANC 385 Classical Ballet Technique II (2)**

A continuation of DANC 285. The second level of a technique course in classical ballet with an emphasis on awareness and efficiency of body movement for effective expression as a performing artist. Emphasis on practical application of concepts, including barre and center work.

*Prerequisite:* Grade of C+ or higher in DANC 285 and declared Dance major

*Note:* May be repeated once for credit.

### **DANC 421 Applied Kinesiology for Dance (3)**

An analytical study of the mechanical, physiological, and anatomical principles of movement and specific dance techniques. The course emphasizes the function of the body in movement, the structure of the body in movement, and how dance affects these two areas. Movement analysis and dance injuries will be studied.

*Prerequisite:* Sophomore standing and declared Dance major.

### **DANC 422 Body Conditioning and Somatics (2)**

Emphasizes the development and implementation of training programs for dancers. All aspects of fitness and physical activity, including strength, endurance, flexibility, and nutrition will be addressed. Sound principles and approaches to the development of appropriate fitness levels for dance will be explored through movement sessions, lectures, and individualized programming.

*Prerequisite:* Declared Dance major.

### **DANC 437 Modern Dance Technique III (2)**

Advanced instruction of modern dance technique with an exploration of space, time, and weight. A conscious approach

towards movement understanding and performance will be emphasized. Emphasis on warm-up, center work and locomotor phrases with a concentration on advanced technical proficiency.

*Prerequisite:* Grade of C+ or higher in DANC 337 and declared Dance major with Performance/Choreography concentration

*Note:* May be repeated once for credit.

### **DANC 441 Dance Capstone (3)**

This capstone experience is tailored by concentration, individual interest, and career goals. The student is responsible for designing, researching, analyzing, presenting, and evaluating an individual dance project as a culminating education experience.

*Prerequisites:* Senior standing, declared Dance major.

### **DANC 442 Career Seminar in Dance (3)**

This course provides an in-depth exploration of various career opportunities for the emerging dance practitioner, including education, management, research, technological and creative endeavors. It is intended to provide students with information on the many specialized professions within the dance field in order to help students find their individual dance focus.

### **DANC 450 Internship in Dance (3)**

Designed to provide the advanced student with the opportunity to pursue an internship in the dance field within the context of an experiential learning situation.

*Prerequisites:* Junior or senior declared Dance major; permission of instructor

### **DANC 485 Classical Ballet Technique III (2)**

A continuation of DANC 385. The advanced level of a technique course in classical ballet with an emphasis on the awareness and efficiency of body movement for effective expression as a performing artist. Emphasis on practical application and mastery of concepts, including barre and center work.

*Prerequisite:* Grade of C+ or higher in DANC 385 and declared Dance major with Performance/Choreography concentration

*Note:* May be repeated once for credit.

**DANC 489 Advanced Special Topics in Dance (1-3)**

Concentrated investigation of a specific area in dance technique or practice; topic or content may vary according to instructor. May be repeated for credit with different content areas.

*Prerequisite:* Permission of instructor

*NOTE:* Repeatable up to 6 credit hours with different course content.

**DANC 499 Bachelor's Essay (6)**

A year-long research and writing project in dance completed during the senior year under the close supervision of a tutor from the department. The student and tutor work together to develop the project design. A project proposal must be submitted in writing and approved by the director of dance prior to registration for the course.

*Prerequisites:* Declared dance major; instructor and department chair permission

## Decision Science Courses

**DSCI 232 Business Statistics (3)**

Advanced statistical analysis with applications in business and economics utilizing relevant computer software. Topics include business applications in descriptive and inferential statistics emphasizing selected topics such as simple and multiple regression, analysis of variance, time series analysis and non-parametric techniques.

*Prerequisite:* MATH 104 or 250.

**HONS 214 Honors Business Statistics (3)**

Advanced statistical analysis with applications in business and economics utilizing relevant computer software. Topics include business applications in descriptive and inferential statistics emphasizing such topics as simple and multiple regression, analysis of variance, hypothesis testing, quality control, decision making using software and non-parametric techniques.

**DSCI 260 Special Topics in Decision Science (1-3)**

An in-depth treatment of a current area of special concern within the field of decision science.

*Note:* Junior standing is a prerequisite for all business 300- and 400-level courses. It is assumed that the student is computer literate.

**DSCI 304 Production and Operations Management (3)**

The planning and control of production and service operations with emphasis on Total Quality Management, demand forecasting, design of production systems, aggregate planning, and inventory management. Additional topics will include just-in-time production, cellular manufacturing, flexible manufacturing systems, robotics, computer-aided design and manufacturing and quality circles. Students will use appropriate computer software to gain experience with several decision techniques.

*Prerequisites:* Junior standing; DSCI 232, MGMT 301, MATH 104 or 250, MATH 105 or 120.

**DSCI 306 Introduction to Electronic Commerce (3)**

An introduction to the theory and practice of doing business over the Internet and World Wide Web. Topical coverage will include an overview of the economic foundations, infrastructure, technologies, and business strategies of E-Commerce.

*Prerequisites:* MATH 104; ACCT 203, 204; DSCI 232; DSCI 320, junior or senior standing.

**DSCI 314 Global Operations & Technology Management (3)**

This course teaches students how to use new technologies to manage the business enterprise and the global supply chain for competitive advantage. The course integrates the control of manufacturing and service operations utilizing emerging technologies to optimize business process and supply chains. Students use a variety of software packages to solve business problems. In addition, the latest theories of technology and knowledge management are used to place technological innovation in a strategic and global perspective.

*Prerequisites:* Junior standing; DSCI 232, MGMT 301, MATH 104 or 250, MATH 105 or 120.

**DSCI 320 Management Information Systems (3)**

Survey of transaction processing systems, management information systems, and decision support systems. Introduction of systems analysis concepts and methodologies for information system design and development. System development projects will be required.

*Prerequisites:* Junior standing; ACCT 203, 204, DSCI 232, MATH 104 or 250.

**DSCI 360 Special Topics in Decision Science (1-3)**

In-depth treatment of current areas of special concern within the field of decision science. A maximum of six hours of special topics courses may be applied toward the business major elective requirement.

*Prerequisites:* Junior standing; other prerequisites depending on topic.

**DSCI 399 Tutorial (3, Repeatable up to 12)**

Individual instruction given by a tutor in regularly scheduled meetings (usually once a week). The student must take the initiative in seeking a tutor to help in the design and supervision of the project. A maximum of six hours of tutorial courses may be applied toward the business major elective requirement.

*Prerequisites:* Junior standing; permission of the tutor and the chair.

**HONS 394 Honors Research Methods (3)**

In this course, students will use qualitative and quantitative methods in research. By the end of this course, students will be able to apply research methods for (1) understanding and articulating assumptions about the business world; and (2) helping to develop basic knowledge of the principal techniques in research.

*Prerequisites:* HONS 390 and junior standing.

**DSCI 406 Quantitative Methods and Decision Making (3)**

Students are introduced to quantitative modeling techniques and to the role quantitative models play in the decision-

making process. Emphasis will be placed on the understanding of tools necessary to qualify decision making, with extensive use of computer-assisted solution methods.

*Prerequisites:* Junior standing; DSCI 232; MATH 104, 105.

### **DSCI 420 Independent Study (1-3)**

The student will select a reading or research project in consultation with a faculty member, who will guide the work and determine the hours of credit to be allowed. A maximum of six hours of independent study courses may be applied toward the business major elective requirement.

*Prerequisites:* Junior standing; written agreement with instructor and chair.

### **DSCI 444 Decision Sciences Internship (3)**

A supplemental source of learning and enhancement to the student's academic program and career objectives through experiential education engaging the student in a unique three-way partnership between an approved agency and the school. The learning experience will be guided by a learning contracting outlining specific work and academic components. A maximum of three (3) hours of internship credit will be awarded.

*Prerequisites:* Senior standing and declared major in the School of Business and Economics.

### **DSCI 499 Bachelor's Essay (6)**

A year-long research and writing project completed during the senior year under the close supervision of a tutor from the school. The student must take the initiative in seeking a tutor to help in both the design and the supervision of the project. A project proposal must be submitted in writing and approved by the school prior to registration for the course.

*Prerequisite:* Senior standing.

## **Data Science Courses**

### **DATA 101 Introduction to Data Science (3)**

Introduction to knowledge discovery techniques, emphasizing computer based tools for the analysis of large data sets. Topics include the data science process and inductive data-driven modeling. Students will have hands-on experience with statistical inference and data mining software and complete a project.

### **DATA 210 Dataset Organization and Management (3)**

A course to introduce the structure of databases and the management of datasets for information extraction. Concepts include the relational and entity relationship models, and local and distributed storage and access. The preparation and management of datasets for analysis is covered, and includes data cleaning, reorganization and security.

### **DATA 397 Research Experience in Data Science (0)**

A student works under faculty supervision to learn a research method, to explore possible research topics, or to continue an ongoing study. The faculty member helps the student to determine the course goals and objectives, and supervises the execution of the project. The student will provide a written report to the faculty at the end of the semester. Students will receive a grade of "S" (satisfactory) or "U" (unsatisfactory) for the course.

*Prerequisites:* Only majors may take a Zero Credit Research course. Permission of the instructor and approval of the department chair.

### **DATA 495 Data Science Capstone (3)**

A capstone course for the application of knowledge discovery and data mining tools and techniques to large data repositories or data streams. This project based course provides students with a framework in which students gain both understanding and insight into the application of knowledge discovery tools and principles on data within the student's cognate area. This course is intended only for data science majors.

*Prerequisites:* DATA 210, CSCI 470, and MATH 441.

## **Economics Courses**

### **ECON 101 Introduction to Economics (3)**

This course covers the history of the development of present-day economic society, as well as considers issues and problems facing the economy, including policies directed at affecting inflation, unemployment and recession, and international trade. Students who have completed ECON 200 or 201 may not subsequently receive credit for ECON 101. However, students may receive credit for ECON 101 before taking ECON 200 and 201. This course satisfies three hours of the social science requirement.

### **ECON 200 Principles of Microeconomics (3)**

The structure of the market is presented, including product and factor pricing, allocation of resources and distribution of income, market equilibrium analysis, and analysis of domestic and international problems and policies.

### **ECON 201 Principles of Macroeconomics (3)**

The foundation of aggregate economic analysis is presented, including identification of basic social goals, money and credit systems, and theories of national income, employment and economic growth, and international interdependence.

*Prerequisite:* ECON 200.

### **HONS 200 Honors Economics I (3)**

Macroeconomics and microeconomics courses that introduce the principles of economics and the history of the development of these principles.

*Prerequisite:* MATH 120 or its equivalent.

### **HONS 211 Honors Economics II (3)**

Macroeconomics and microeconomics courses that introduce the principles of economics and the history of the development of these principles.

*Prerequisite:* HONS 200 or its equivalent

### **ECON 260 Special Topics in Economics (3)**

This course is intended for those students who are not business, international business, accounting, or economics majors and who have minimal training in economics. The course is designed for second semester freshmen and sophomores and will focus on various areas in economics and political economy. This course will not count towards fulfilling the requirements for a business, international business, accounting, or economics degree. In the School of Business and Economics, it will count as a general education elective.

*Note: ECON 200 and 201 and junior standing are prerequisites for all 300- and 400-level economics courses. All 300- and 400-level economics courses assume that the student is computer-literate.*

### **ECON 303 Economics of Transportation and Geography (3)**

This is a combination of two traditional course offerings intended to provide the economic theory, conceptual foundations, and practical understanding of economics as applied to both transportation and geography.

*Prerequisites:* Junior standing; ECON 200, 201.

### **ECON 304 Labor Economics (3)**

This course examines the workings and outcomes of the market for labor. It is primarily concerned with the behavior of employers and employees in response to the general incentives of wages, prices, profits, and non-pecuniary aspects of the employment relationship. Topics include the supply and demand for labor, investments in human capital, unions, and collective bargaining, and governmental policies affecting labor.

*Prerequisites:* Junior standing; ECON 200, 201; MATH 105 or 120, or permission of the instructor. DSCI 232 is recommended.

### **ECON 305 Money & Financial Institutions (3)**

An introduction to the operations, mechanics, and structure of the U.S. financial system, with emphasis on its institutions, markets, and instruments, as well as the Federal Reserve System and

monetary policy and the effects of policy on the economy and on financial institutions.

*Prerequisites:* Junior standing; ECON 200, 201, MATH 105 or 120 or permission of the instructor.

### **ECON 306 Monetary Theory and Policy (3)**

A detailed study of monetary theory and monetary policy, both in the U.S. and in the international economies.

*Prerequisites:* Junior standing; ECON 200, 201, MATH 105 or 120 or permission of the instructor.

### **ECON 307 Urban Economics (3)**

An examination of the economics of spatial organization focusing on the location of economic activity and the growth of cities and regions. This course will provide a theoretical and empirical basis for analyzing contemporary urban issues.

*Prerequisites:* Junior standing; ECON 200, 201, MATH 105 or 120 or permission of the instructor.

### **ECON 308 Evolution of Economic Doctrines (3)**

A study of the principal contributions to economic theory and method and the relationship of these contributions to their time and to each other.

*Prerequisites:* Junior standing; ECON 200, 201, MATH 105 or 120 or permission of the instructor.

### **ECON 310 International Economics (3)**

An approach to the problems of international economic interdependence with special attention given to trade, protectionism, trade policy for developing countries, international investment, the balance of payments, foreign exchange, exchange rate systems, and international economic policy.

*Prerequisites:* Junior standing; ECON 200, 201, MATH 105 or 120 or permission of the instructor.

### **ECON 311 Environmental Economics (3)**

This course deals with the institution of property rights and how the absence of property rights may hinder the proper allocation of society's scarce resources and thereby affect economic efficiency. The course also examines how resources

held in the public domain are allocated and ways of how this allocation might be made more efficient.

*Prerequisites:* Junior standing; ECON 200, 201, MATH 105 or 120 or permission of the instructor.

### **ECON 316 Evolution of the U. S. Economy (3)**

The growth and development of the U.S. economy from the colonial period to the present are analyzed, with emphasis on the reliance of the changing cultural context to the process of economic development and with emphasis on the institutional framework of economic development.

*Prerequisites:* Junior standing; ECON 200, 201, or permission of the instructor.

### **ECON 317 Microeconomic Analysis (3)**

A study of the analytical techniques used in investigating the determination of product and factor prices under different market structures, to include analysis of consumer behavior, production theory, market structures and factor pricing.

*Prerequisites:* Junior standing; ECON 200, 201, MATH 120.

### **ECON 318 Macroeconomic Analysis (3)**

A study of classical, Keynesian, and post-Keynesian economics involving the issues of consumption, monetary and fiscal policy, growth, interest and liquidity.

*Prerequisites:* Junior standing; ECON 200, 201, MATH 120

### **ECON 320 Managerial Economics (3)**

The application of economic principles relating to cost, revenue, profit and competition that aid business decision making and policy formulation.

*Prerequisites:* Junior standing; ECON 200, 201, DSCI 232, MATH 104 or 250, MATH 105 or 120, or permission of the instructor.

### **ECON 324 Game Theory (3)**

Introduction to game theory and its applications to economics. Topics: strategic and extensive form games, dominant strategies, Nash equilibrium, subgame-perfect equilibrium, Bayesian equilibrium, and behavioral game theory.

*Prerequisites:* Junior standing; MATH 104 or 250, MATH 105 or 120, ECON 200, ECON 201, or instructor permission.

### **ECON 325 Economics for Development (3)**

An analysis of international poverty and inequality, dualistic development, the employment problem, mobilization of domestic resources, mobilization of foreign resources, human-resource development, agricultural strategy, industrialization strategy, trade strategy, development planning, and policy making.

*Prerequisites:* Junior standing; ECON 200, 201, MATH 105 or 120, or permission of the instructor.

### **ECON 330 Comparative Economic Systems (3)**

An analysis and appraisal of the theories and practices underlying economic systems. Consideration is given to capitalist, socialist, and communist models and economies.

*Prerequisites:* Junior standing; ECON 200, 201, MATH 105 or 120, or permission of the instructor.

### **ECON 340 Public Finance (3)**

A study of the economics of public goods theory, externalities, and public choice theory. Students will examine the cost and benefit analysis of taxation and expenditures. Public decision making at all levels of government will be examined, and the intervention of government into the market economy.

*Prerequisites:* Junior standing; ECON 200, 201, MATH 105 or 120; or permission of the instructor.

### **ECON 350 Financial Markets in US Economy (3)**

An introduction to the operation of financial markets in the U.S. economy, emphasizing market instruments and the use of these requirements by various financial institutions and market participations.

*Prerequisites:* Junior standing; MATH 104 or MATH 250; ECON 200, ECON 201, or permission of the instructor. ECON 305 is recommended.

### **ECON 360 Special Topics in Economics (3)**

An in-depth treatment of a current area of special concern within the field of economics.

*Prerequisites:* Junior standing; ECON 200, 201, MATH 105 or 120, or permission of the instructor.

### **ECON 399 Tutorial (up to 12)**

Individual instruction given by a tutor in regularly scheduled meetings (usually once a week).

*Prerequisites:* Junior standing, plus permission of the tutor and the department chair.

### **ECON 400 Senior Seminar in Economics (3)**

A seminar on particular problems or questions in economic policy. Topics will vary. The tools of economic analysis developed in the prerequisite courses will be used to analyze particular economic problems.

*Prerequisites:* Senior standing; ECON 200, 201, 317, 318; MATH 120, 250; MATH 350 or DSCI 232; or permission of the instructor.

### **ECON 419 Introduction to Econometrics (3)**

An introduction to the use of economic theory, statistical analysis, and mathematical mode building to explain economic relationships.

*Prerequisites:* Senior standing; ECON 200, 201, 317, 318; MATH 120, 250; MATH 350 or DSCI 232; or permission of instructor

### **ECON 420 Independent Study (1-3)**

The student will select a reading or research project in consultation with a faculty member, who will guide the work and determine the hours of credit to be allowed.

*Prerequisites:* Junior standing; written agreement of the instructor and permission of the department chair.

### **ECON 444 Economics Internship (3)**

A supplemental source of learning and enhancement to the student's academic program and career objectives through experiential education engaging the student in a unique three-way partnership between an approved agency and the

school. The learning experience will be guided by a learning contract outlining specific work and academic components.

*Prerequisites:* Senior standing; declared major or minor in the School of Business and Economics; acceptance to an internship program or site; interview with and approval of the instructor.

*Note:* See GO.COFC.EDU/SBINTERNSHIPS for more details.

### **ECON 499 Bachelor's Essay (6)**

A year-long research and writing project completed during the senior year under the close supervision of a tutor from the school. The student must take the initiative in seeking a tutor to help in both the design and the supervision of the project. A project proposal must be submitted in writing and approved by the Department of Economics and Finance prior to registration for the course.

*Prerequisites:* Senior standing and department approval.

## **Elementary and Early Childhood Education Courses**

### **EDEE 323 The Development of Mathematical Thinking (3)**

This course focuses on the factual knowledge, procedural proficiency, and conceptual understanding related to mathematics content and process standards. The parallels of learner development and the progressive nature of mathematics are explored. Teacher candidates will study the elements necessary to achieve high-quality mathematics education.

### **EDEE 325 Language and Literacy Development (3)**

This course explores the nature of language, its functions within language settings and its history of development within cultures and individuals. The impact of family, community, and dialects upon communication will be investigated. The critical role of story in helping children to communicate

effectively is a component of this program.

**EDEE 327 Learner Development and the Context of Learning (3)**

This course provides candidates an opportunity to develop observational skills in three settings: early childhood, elementary and middle school. Through the guided field experience, candidates examine how curriculum, instruction and the learning context change as children and youth develop. The course is linked to the other courses in the semester.

**EDEE 363 Introduction to Early Childhood Education (3)**

This course provides an introduction to early childhood education to include historical and theoretical foundations, characteristics of children and their families, multiple influences of development, and purposes and uses of assessment.

*Prerequisites:* Courses required by department in first semester of proposed major (EDFS 326, EDFs 303, EDEE 323, EDEE 325, and EDEE 327).

**EDEE 365 Teaching Mathematics: Pre K - Grade 3 (3)**

This course focuses on the knowledge, dispositions, and performances necessary for quality early childhood mathematics education. Emphasis is on developmentally appropriate instructional strategies linked to the grades P–3 content and process standards. Active learning, lesson planning, ongoing and worthwhile assessment and informed teacher decision making are major components.

**EDEE 366 Teaching Mathematics: Grades 2-8 (3)**

This course focuses on the knowledge, dispositions and performances necessary for quality elementary and middle school mathematics education. Emphasis is on developmentally appropriate instructional strategies linked to the grades 2–8 content and process standards. Active learning, lesson planning, ongoing and worthwhile assessment and informed teacher decision making are major components.

**EDEE 367 Teaching Science: Pre K - Grade 3 (3)**

This course is designed for the study and practice of teaching methods and

materials for science at the early childhood school levels, grades P–3.

Emphasis is placed on concept development through questioning techniques, critical thinking, multimedia/technology and inquiry teaching to meet group and individual needs.

**EDEE 368 Teaching Science: Grades 2-8 (3)**

This course is designed for the study and practice of teaching methods and materials for science at the elementary and middle school levels, grades 2–8.

Emphasis is placed on concept development through questioning techniques, critical thinking, multimedia/technology and inquiry teaching to meet group and individual needs.

**EDEE 370 Teaching Health & Physical Education (3)**

A course designed to develop instructional techniques as related to health and physical education, movement education theory and the integration of early childhood, elementary and middle school studies through movement experiences; included is an examination of health concepts and health programs.

**EDEE 371 Teaching Social Studies & Humanities: Pre K - Grade 3 (3)**

This course introduces students to all facets of the P–3 social studies experiences needed to guide early childhood school students on the path to responsible citizenship. The course focuses on the highly integrative and multidisciplinary nature of the social studies. Particular emphasis is placed on the integration of history, geography and civics education with other areas of the curriculum.

**EDEE 373 Teaching Social Studies & Humanities: Grade 2-8 (3)**

This course introduces students to all facets of the 2–8 social studies experiences needed to guide elementary and middle school students on the path to responsible citizenship. The course focuses on the highly integrative and multidisciplinary nature of the social studies. Particular emphasis is placed on the integration of history, geography and civics education with other areas of the curriculum.

**EDEE 374 Elementary Education: Balancing Students and Curriculum (3)**

This course balances an understanding of upper elementary students (grades 2–6) with the curricular expectations for these grades. Special attention is paid to the importance of planning, assessment and classroom environment in promoting student accomplishment, belonging, and engagement.

*Prerequisites:* Admission into the teacher education program and successful completion of EDEE 327.

**EDEE 375 Reading/Learning Strategies: Pre K - Grade 3 (3)**

This course provides a study of reading, writing and communication in grades P–3. It emphasizes basic literacy, content area literacy, factors affecting those processes, and principles and skills involved in the development of reading and writing in grades P–3.

**EDEE 377 Reading/Learning Strategies: Grades 2-8 (3)**

This course provides a study of reading, writing and communication in grades 2–8. It emphasizes basic literacy, content area literacy, factors affecting those processes, and principles and skills involved in the development of reading and writing in grades 2–8.

**EDEE 380 Application of Curriculum & Instruction: Pre-K - Grade 3 (3)**

This course provides candidates seeking early childhood certification (P–3) an opportunity to observe how teachers teach various subject areas to early childhood students. Candidates teach individual students, small groups of students and the whole class. Candidates plan for the effective use of curriculum, instruction and assessment to use standards to meet the developmental needs of early childhood students.

**EDEE 382 Application of Curriculum & Instruction: Grades 2-6 (3)**

This course provides candidates seeking elementary certification (grades 2–6) an opportunity to observe how teachers teach various subject areas to elementary students. Candidates teach individual students, small groups of students and the whole class. Candidates plan for the effective use of curriculum, instruction and assessment to use standards to meet



the developmental needs of elementary grades students.

**EDEE 384 Application of Curriculum & Instruction: Grades 5-8 (3)**

This course provides candidates seeking middle school certification (grades 5–8) an opportunity to observe how teachers teach various subject areas to early adolescent students. Candidates teach individual students, small groups of students and the whole class. Candidates plan for the effective use of curriculum, instruction and assessment to use standards to meet the developmental needs of middle school students.

**EDEE 403 Visual and Performing Arts (3)**

Candidates examine basic arts concepts and skills, factual or contextual learning about the arts in history and culture, and higher order or critical thinking skills relating to dance, drama/theatre, music, and the visual arts. The course consists of study and experiences in each art form through four curricular components: aesthetic perception, creative expression, historical and cultural heritage and aesthetic valuing.

**EDEE 407 Creating Learning Environments (3)**

This course focuses on how teachers create collaborative and inclusive communities of learners. Supportive, preventative and corrective teaching practices and management strategies are emphasized.

**EDEE 409 Meeting Needs of Diverse Learners (3)**

The course examines current research on differentiated instructional strategies. Candidates describe historical and legal factors impacting inclusion. They develop collaborative skills and identify their role on multidisciplinary teams, and they promote school/family partnerships. They identify learning characteristics of special needs students and develop appropriate instructional strategies.

**EDEE 415 Curriculum, Instruction, and Assessment: Pre K - Grade 3 (3)**

This course provides candidates an opportunity to teach multiple subjects to diverse early childhood learners. Candidates also examine the early childhood teachers' role in establishing and maintaining a positive learning

environment in the classroom, and they learn to assess their own performance and that of other teachers using the South Carolina teacher evaluation instrument, ADEPT.

*Prerequisite:* EDEE 380.

**EDEE 416 Curriculum, Instruction, and Assessment: Grades 2-6 (3)**

This course provides candidates an opportunity to teach their concentration to diverse elementary school learners (grades 2–6). Candidates also examine the elementary school teachers' role in establishing and maintaining a positive learning environment in the classroom, and they learn to assess their own performance and that of other teachers using the South Carolina teacher evaluation instrument, ADEPT.

**EDEE 417 Curriculum, Instruction, and Assessment: Grades 5-8 (3)**

This course provides candidates an opportunity to teach their concentration to diverse middle school learners (grades 5–8). Candidates also examine the middle school teachers' role in establishing and maintaining a positive learning environment in the classroom, and they learn to assess their own performance and that of other teachers using the South Carolina teacher evaluation instrument, ADEPT.

**EDEE 455 Early Childhood Clinical Practice (3)**

In this course, candidates engage in full-time teaching in a P–3 grade classroom. They assume all of the responsibilities of a professional teacher. Under the supervision of a cooperating teacher and a college supervisor, candidates complete a long-range plan, take over full-time teaching and non-instructional responsibilities and participate in professional activities outside of the classroom and in weekly seminars.

*Prerequisite:* EDEE 415.

**EDEE 457 Elementary Grades Clinical Practice (3)**

In this course candidates engage in full-time teaching in a 2–6 grade classroom. They assume all of the responsibilities of a professional teacher. Under the supervision of a cooperating teacher and a college supervisor, candidates complete a long-range plan, take over full-time teaching and non-instructional

responsibilities and participate in professional activities outside of the classroom and in weekly seminars.

*Prerequisite:* EDEE 416.

**EDEE 459 Middle Grades Clinical Practice (3)**

In this course candidates engage in full-time teaching in a 5–8 grade classroom. They assume all of the responsibilities of a professional teacher. Under the supervision of a cooperating teacher and a college supervisor, candidates complete a long-range plan, take over full-time teaching and non-instructional responsibilities and participate in professional activities outside of the classroom and in weekly seminars.

*Prerequisite:* EDEE 417.

**EDEE 465 Independent Study in Education (3)**

A course in which students who have taken an appropriate sequence of preparatory courses in education may do an individually supervised study of some topic of the student's interest. Each project must be done in consultation with a department member qualified to guide and evaluate work.

**EDEE 515 Middle School Organization and Curriculum (3)**

An overview of the middle school concept, including a study of the historical and philosophical antecedents, the conflicting perceptions of middle school, definitions of middle school and middle level concepts, characteristics of the emerging adolescent and related program implications, change factors involved in conversion to the middle school concept, evaluation methods for determining middle school effectiveness and projections on the future of the middle school movement.

*Prerequisite:* EDEE 327.

**EDEE 580 Special Topics in Education (1-4)**

Study of a particular subject or theme in educational methods of teaching or content. Specific topics will be listed with the course title when offered, e.g., Special Topics in Education: Marine Science for Elementary Teachers.

# English Courses

## **ENGL 110 Introduction to Academic Writing (4)**

An introduction to the practices necessary for successful college writing; reading and analyzing college level texts; writing in a process that includes invention, drafting, revising, and editing; and researching, evaluating and documenting appropriate supporting materials for college-level essays. Taken during student's first year.

*Note: ENGL 110 (or its equivalent) or HONS 110 are prerequisites for all other English courses.*

## **ENGL 190 Introductory Special Topics (3)**

This introductory course for non-majors examines selected topics in literature, based on the interests of both students and faculty. It is designed to supplement course offerings in the English curriculum.

*Prerequisite:* ENGL 110 or equivalent, or HONS 110.

## **ENGL 191 Introduction to Jewish-American Literature (3)**

An introduction to Jewish-American literature from the 20th century to the present. Cross listed with JWST 245.

## **ENGL 201 British Literature to 1800 (3)**

A study of major works of representative writers from the Medieval period through the 18th century. Emphasis on close reading and literary history.

*Prerequisite:* ENGL 110 or equivalent, or HONS 110.

## **ENGL 202 British Literature since 1800 (3)**

A study of major works of representative writers from the Romantic period to the present. Emphasis on close reading and literary history.

*Prerequisite:* ENGL 110 or equivalent, or HONS 110.

## **ENGL 203 Survey of European Literature I (3)**

A survey of the literature of Europe in English translation (exclusive of British literature) from ancient Greece through the Renaissance.

*Prerequisite:* ENGL 110 or equivalent.

## **ENGL 204 Survey of European Literature II (3)**

A survey of the literature of Europe in English translation (exclusive of British literature) from neoclassicism through the 20th century.

*Prerequisite:* ENGL 110 or equivalent.

## **ENGL 207 American Literature to the Present (3)**

A study of representative writers from the colonial period to the present. Emphasis on close reading and literary history.

*Prerequisite:* ENGL 110 or equivalent.

## **ENGL 212 The Cinema: History and Criticism (3)**

An introduction to the critical appreciation and history of the motion picture, with special emphasis upon the place of the film within the liberal arts, dealing generally with the types and forms of the feature film, its background and development and aiming to create an increased critical awareness of the basic elements of the filmmaker's art.

*Prerequisite:* ENGL 110 or equivalent.

## **ENGL 215 Interdisciplinary Composition (3)**

A course in writing strategies and skills, suitable for non-majors. Topics are interdisciplinary, with application to business and technical writing, the social and natural sciences and the humanities.

## **ENGL 216 Introduction to African American Literature (3)**

This class for non-majors introduces students to major African American writers from the 18th century to the present day.

*Prerequisite:* ENGL 110 or equivalent.

## **ENGL 220 Poetry Writing I (3)**

An introductory workshop course to the reading and writing of poetry with a focus on closed and open lyric forms and poetic devices: line, image, prosody, figurative language. Equal attention will be given to poems turned in for critique and to the development of the student's critical skills.

*Prerequisite:* ENGL 110 or equivalent

## **ENGL 223 Fiction Writing I (3)**

A workshop for new writers wishing to establish and enhance basic skills in the writing of short fiction, point-of-view, characterization, dialogue, setting, etc. Equal attention will be given to stories turned in for critique and to the development of the student's critical skills.

*Prerequisite:* ENGL 110 or equivalent.

## **ENGL 226 Survey of World Literature (3)**

A study of representative texts from non-Anglophone cultures from the ancient world to the present.

*Prerequisite:* ENGL 110 or equivalent.

## **ENGL 233 Survey of Non-Western Twentieth Century Literature (3)**

An introduction to selected 20th-century masterpieces of non-Western literature in English.

*Prerequisite:* ENGL 110 or equivalent.

## **ENGL 234 Survey of Third-World Masterpieces (3)**

An introduction to selected third-world literary masterpieces in English by Caribbean, Arabic-speaking and Latin American authors dealing with issues of global concern such as political and religious oppression, hunger, disease, war and economic deprivation.

*Prerequisite:* ENGL 110 or equivalent.

## **ENGL 290 Special Topics (3, Repeatable up to 12)**

An examination of a selected topic, designed to supplement or to investigate more fully offerings in the English curriculum. Choice of topics will reflect both student and faculty interest.

## **ENGL 299 Introduction to English Studies (3)**

An introduction to the theories and practices motivating English studies past and present, with an emphasis on the methods, subjects, and rationales of textual analysis. This writing intensive course also fosters the critical reading, rhetorical, and research skills underpinning successful writing in English studies.

*Prerequisite:* ENGL 110 or equivalent.

**English Course Note**

*Note: For English majors, ENGL 201, 202, and 207 are prerequisites for all courses at or above the 300 level.*

**ENGL 302 Shakespeare (3)**

A study of selected works of William Shakespeare.

*Prerequisite:* ENGL 110 or equivalent

**ENGL 303 Modern English Grammar (3)**

A study of grammatical analysis, with emphasis upon transformational-generative grammar.

*Prerequisite:* ENGL 110 or equivalent.

**ENGL 304 Chaucer (3)**

Selections from his major poetical works in the original.

*Prerequisite:* ENGL 110 or equivalent.

**ENGL 305 Advanced Composition (3)**

A study of the theory and principles of composition and the application of these principles in the student's own writing.

*Prerequisite:* ENGL 110 or equivalent.

**ENGL 306 Milton (3)**

A study of selected works of John Milton.

*Prerequisite:* ENGL 110 or equivalent

**ENGL 309 English Language: Grammar and History (3)**

A study of the fundamental concepts of language and linguistics in relation to English past and present, through grammatical analysis and a survey of the history and development of English focused on phonology, morphology, and vocabulary.

*Prerequisite:* ENGL 110 or equivalent.

**ENGL 310 Theories of Teaching Writing (3)**

An introduction to major theories of teaching writing, with a particular focus on how these theories inform approaches toward the writing process, assignment design, and the evaluation of student writing.

*Prerequisite:* ENGL 110 or equivalent.

**ENGL 312 History of English Language (3)**

The history and development of the English language, tracing its descent

from prehistoric Indo-European to modern English, with attention especially to phonology, morphology and vocabulary.

*Prerequisite:* ENGL 110 or equivalent.

**ENGL 313 African American Literature (3)**

A survey of African American literature from the mid- 18th century to the present.

*Prerequisite:* ENGL 110 or equivalent.

**ENGL 314 The Sixteenth Century (3)**

A study of sixteenth century British poetry and prose in cultural and historical context.

*Prerequisite:* ENGL 110 or equivalent

**ENGL 317 The Seventeenth Century (3)**

A study of seventeenth century British poetry and prose in cultural and historical context.

*Prerequisite:* ENGL 110 or equivalent

**ENGL 318 The Eighteenth Century (3)**

A study of the poetry and prose of 18th-century Britain.

*Prerequisite:* ENGL 110 or equivalent.

**ENGL 319 Studies in Literary Theory (3)**

The detailed study of select approaches to the analysis of literary texts, in theory and practice. Topics vary by semester and reflect current theoretical trends within English studies and/or contemporary reframings of conventional approaches.

*Prerequisite:* ENGL 110 or equivalent

**ENGL 320 Young Adult Literature (3)**

An introduction to literature written for a young adult audience, focusing on representative genres and critical approaches. Texts studied include problem novels, historical fiction, fantasy fiction, speculative fiction, and graphic novels. Critical approaches reflect current trends in the analysis of young adult literature, including its production and consumption.

*Prerequisite:* ENGL 110 or equivalent

**ENGL 321 The Romantic Period (3)**

A study of British poems and novels written between 1780 and 1830 in response to revolutions in politics,

gender, race, literary form, and print markets.

*Prerequisite:* ENGL 110 or equivalent

**ENGL 323 The Victorian Period (3)**

A reading of major 19th-century British poets from 1830 to 1900, including Tennyson, Browning, Arnold, and the Pre-Raphaelites, with selections from the prose of Carlyle, Mill, Ruskin, Pater and others.

*Prerequisite:* ENGL 110 or equivalent.

**ENGL 325 Modern British Literature (3)**

A study of 20th-century British literature before World War II, including works by Conrad, Yeats, Joyce, Woolf, Eliot and Orwell.

*Prerequisite:* ENGL 110 or equivalent.

**ENGL 326 Irish Literature (3)**

A study of Irish literature 1900-present with a focus on the intersection of literature and history.

*Prerequisite:* ENGL 110 or equivalent

**ENGL 327 The British Novel I (3)**

A study of the major British novelists of the 18th century.

*Prerequisite:* ENGL 110 or equivalent.

**ENGL 328 The British Novel II (3)**

A study of the major British novelists of the 19th century.

*Prerequisite:* ENGL 110 or equivalent.

**ENGL 334 Technical Writing (3)**

Preparation for and practice in the types of writing important to scientists, computer scientists, and engineers. Writings include abstracts, reviews, reports, professional letters and proposals. When possible, students write about subjects related to their field of interest.

*Prerequisite:* ENGL 110 or equivalent.

**ENGL 335 Modern Poetry (3)**

A study of the nature and development of 20th century British and American poetry, concentrating on selected major figures such as Yeats, Eliot, Pound, Hopkins, Frost, Stevens and Williams.

*Prerequisite:* ENGL 110 or equivalent.

**ENGL 336 Women Writers (3)**

A study of a representative selection of women's fiction, poetry and drama, focusing on questions of women's styles, preferred genres and place in the literary tradition. Readings may vary from year to year.

*Prerequisite:* ENGL 110 or equivalent.

**ENGL 337 British Drama to 1642 (3)**

A study of selected plays from the medieval beginnings of British drama to the closing of the theatres in 1642, Shakespeare's plays excluded.

*Prerequisite:* ENGL 110 or equivalent.

**ENGL 339 Advanced Creative Writing (3)**

An upper division creative writing course generally taught in conjunction with the Spoleto Summer Study Abroad program.

*Prerequisites:* ENGL 220 and 377 or 223 and 378, and permission of the instructor.

**ENGL 340 Restoration and 18th Century Drama (3)**

British drama from the reopening of the theatres in 1660 to the end of the 18th century.

*Prerequisite:* ENGL 110 or equivalent.

**ENGL 341 Literature of the American South, 1900-Present (3)**

A study of selected texts by and about residents of the U.S. South, with an emphasis on works produced since 1900 that reflect the social and cultural changes the region has experienced over time.

*Prerequisite:* ENGL 110 or equivalent.

**ENGL 342 Literature of the American Revolution and Early Republic (3)**

A study of representative novels, poetry, plays, and nonfiction written in the late eighteenth and early nineteenth centuries, with emphasis on the role of manuscript and print culture in the American Revolution and the Early Republic.

*Prerequisite:* ENGL 110 or equivalent.

**ENGL 343 American Renaissance (3)**

A study of American literature produced in the decades associated with Jacksonian Democracy, westward expansion, the slavery debate, and the Civil War. The course examines the ways selected works of fiction, nonfiction, and poetry

responded to political and social developments.

*Prerequisite:* ENGL 110 or equivalent.

**ENGL 344 Late 19th Century American Literature**

Investigation of literary texts between the Civil War and around 1900, with a focus on sentimentalism, regionalism & local color, realism, and naturalism.

Emphasizes complex relationships between literature and late-19th century milieu, including literary markets, gender and sexuality, race and ethnicity, class, urbanization, immigration and assimilation, capitalism, technology, and nationalism.

*Prerequisite:* ENGL 110 or equivalent.

*Note: Completion of ENGL 207: American Literature to the Present, is strongly recommended.*

**ENGL 345 Nineteenth-Century American Poetry (3)**

An intensive survey of nineteenth-century American poetry, focusing on the development of the genre's formal conventions and predominant themes, as well as innovations.

*Prerequisites:* ENGL 110 or equivalent

**ENGL 346 Contemporary American Fiction (3)**

An intensive study of American fiction appearing after 1965.

*Prerequisite:* ENGL 110 or equivalent.

**ENGL 347 Writing the Novel (3)**

A course for writers with the motivation, ambition and vision necessary to sustain an extended work of fiction. Taught both as a workshop and in private conferences. Students will complete and revise 50 pages of a proposed novel.

*Prerequisites:* ENGL 223 or 378, and permission of the instructor.

**ENGL 349 American Novel to 1900 (3)**

A study of American novels of the 18th and 19th centuries, examining the development of the genre.

*Prerequisite:* ENGL 110 or equivalent

**ENGL 350 Major Authors (3)**

An intensive study of one or two major writers.

*Prerequisite:* ENGL 110 or equivalent.

**ENGL 351 Studies in American Film (3)**

This course surveys American film from 1905 to 1945, tracing the international triumph of the Hollywood studio system. Special issues to be studied: studio rivalry as a creative force and the individual filmmaker's response to the studio system.

*Prerequisite:* ENGL 212 or permission of the instructor.

**ENGL 352 Major African Writers (3)**

An introduction to contemporary literary masterpieces of major African authors. Works will include fiction, poetry and drama.

*Prerequisite:* ENGL 110 or equivalent.

**ENGL 353 African Women Writers (3)**

An introduction to the writings of African women, including Buchi Emecheta, Mariama Bâ, Fadhma Amrouche, Nadine Gordimer and others.

*Prerequisite:* ENGL 110 or equivalent.

**ENGL 356 American Novel, 1900-1965 (3)**

A study of modern American novels by writers such as Dreiser, Wharton, Cather, Lewis, Fitzgerald, Hemingway, Faulkner, Steinbeck and Ellison.

*Prerequisite:* ENGL 110 or equivalent.

**ENGL 357 Studies in Contemporary British Literature (3)**

The detailed study of a significant topic or theme within contemporary British literature, 1970-present.

*Prerequisite:* ENGL 110 or equivalent

**ENGL 358 Colonial and Postcolonial British Literature (3)**

A study of representative writers from former British colonies and their diasporas, focusing on writers' responses to colonial representations of race and nation. Works studied will include fiction, drama, poetry, and criticism by writers such as Chinua Achebe, Jamaica Kincaid, Salman Rushdie and Derek Walcott.

*Prerequisite:* ENGL 110 or equivalent.

**ENGL 359 American Poetry Since 1945 (3)**

A study of representative poems written by residents of the United States since 1945. Course examines the ways poetry

has responded to political and social developments during this era, investigating the variety of approaches and aesthetic criteria poets have employed to create beauty and meaning.

*Prerequisite:* ENGL 110 or equivalent

### **ENGL 360 Major Literary Themes (3)**

A thorough investigation of a theme or topic of central importance in literature.

*Prerequisite:* ENGL 110 or equivalent.

### **ENGL 361 Studies in Literature in History Pre-1700 (3)**

A detailed study of literature written before 1700, focused on a special topic to be determined by instructor.

*Prerequisite:* ENGL 110 or equivalent.

### **ENGL 362 Studies in Literature in History 1700-1900 (3)**

A detailed study of literature written between 1700 and 1900, focused on a special topic to be determined by instructor.

*Prerequisite:* ENGL 110 or equivalent.

### **ENGL 363 Studies in Literature in History 1900-Present (3)**

A detailed study of literature written since 1900, focused on a special topic to be determined by instructor.

*Prerequisite:* ENGL 110 or equivalent.

### **ENGL 364 Studies in Difference and Literary Tradition (3)**

A detailed study of difference and literary tradition, focused on a special topic to be determined by instructor.

*Prerequisite:* ENGL 110 or equivalent.

### **ENGL 365 Studies in Cultural Studies**

A detailed study in cultural studies, focused on a special topic to be determined by instructor.

*Prerequisite:* ENGL 110 or equivalent.

### **ENGL 366 Studies in Writing, Rhetoric, and Language (3)**

A detailed study of writing, rhetoric, or language, focused on a special topic to be determined by instructor.

*Prerequisite:* ENGL 110 or equivalent.

### **ENGL 367 Creative Nonfiction (3)**

A workshop and survey course in which students write six personal essays for in

class critique in response to models they encounter in selected texts.

### **ENGL 368 Short-Short Fiction (3)**

A writing workshop where students read, write, and discuss short-short fiction and produce an original portfolio of short-short stories by the end of the semester.

*Prerequisites:* ENGL 220 or ENGL 223

### **ENGL 370 Major Literary Genres (3)**

A detailed examination of a significant literary form or type. (Students may receive no more than six hours of credit for this course.)

*Prerequisite:* ENGL 110 or equivalent.

### **ENGL 377 Poetry Writing II (3)**

A continuation of ENGL 220. This workshop-intensive course is combined with a study of contemporary poetry. Texts might include anthologies, poetry collections, literary journals. Students compose and significantly revise poems for a final portfolio combined with writing assignments that stress the analytical close reading of a poem's content and form.

*Prerequisite:* ENGL 220

### **ENGL 378 Fiction Writing II (3)**

A continuation of ENGL 223. This workshop will take a more critical look not only at student works, but at selected classic and contemporary short-story collections.

*Prerequisite:* ENGL 223 or permission of the instructor

### **ENGL 390 Studies in Film (3)**

A detailed study of a filmmaker, topic, or genre. (Students may receive no more than six hours credit for this course.)

*Prerequisite:* ENGL 212 or permission of the instructor.

### **ENGL 395 Special Topics (3)**

Subjects to be announced as offered.

*Prerequisite:* ENGL 110 or equivalent.

### **ENGL 399 Tutorial (1-3, Repeatable up to 12)**

Individual instruction given by a tutor in regularly scheduled meetings (usually once a week).

*Prerequisites:* Junior standing, plus permission of the tutor and the department chair.

### **ENGL 400 Seminar (3)**

A detailed study of an author, topic or genre. Open to juniors and seniors with permission of the instructor.

*Prerequisite:* ENGL 110 or equivalent.

### **ENGL 402 Advanced Workshop in Poetry Writing (3)**

In this capstone course for the Creative Writing concentration in poetry, students engage broader ideas of poetics. Students complete a chapbook-length manuscript of new and revised poetry (25-30 pages) combined with an introductory poetics essay, participate in workshops, and read and analyze contemporary poetry collections.

*Prerequisites:* ENGL 220, 377, and permission of the instructor.

### **ENGL 403 Advanced Workshop in Fiction Writing (3)**

Advanced study of contemporary methods in the crafting of fiction. Students complete 40-50 pages of short fiction and participate in advanced workshops.

*Prerequisites:* ENGL 223, 378, and permission of the instructor.

### **ENGL 404 Independent Study (1-3, Repeatable up to 12)**

Research in a specified area in consultation with a department member who will guide the work and determine the hours of credit to be allowed. Open to juniors and seniors with permission of the instructor and the department chair. (Students may earn no more than six hours of credit toward the English major requirements in this course.)

*Prerequisite:* ENGL 110 or equivalent.

### **ENGL 406 Crazyhorse Literary Publishing Practicum (3)**

Study of all aspects of literary magazine production, including reading manuscripts submitted for consideration, proofreading, and the identification and articulation of the qualities inherent in "publishable work."

*Prerequisites:* Either ENGL 220 and 377 or ENGL 223 and 378, and permission of the instructor.

**ENGL 450 Senior Seminar in Major Authors (3)**

An advanced study of one or two major authors, focused on a special topic to be determined by instructor.

*Prerequisites:* ENGL 110 or equivalent. Open to seniors, with permission of instructor.

**ENGL 460 Senior Seminar in Major Literary Themes (3)**

An advanced study of a significant theme in the literary tradition, focused on a special topic to be determined by instructor.

*Prerequisites:* ENGL 110 or equivalent. Open to seniors, with permission of instructor.

**ENGL 461 Senior Seminar in Literature in History Pre-1700 (3)**

An advanced study of literature written before 1700, focused on a special topic to be determined by instructor.

*Prerequisites:* ENGL 110 or equivalent. Open to seniors, with permission of instructor.

**ENGL 462 Senior Seminar in Literature in History 1700-1900 (3)**

An advanced study of literature written between 1700 and 1900, focused on a special topic to be determined by instructor.

*Prerequisites:* ENGL 110 or equivalent. Open to seniors, with permission of instructor.

**ENGL 463 Senior Seminar in Literature in History 1900-Present (3)**

An advanced study of literature written from 1900 to the present, focused on a special topic to be determined by instructor.

*Prerequisites:* ENGL 110 or equivalent. Open to seniors, with permission of instructor.

**ENGL 464 Senior Seminar in Difference and Literary Tradition (3)**

An advanced study of difference and literary tradition, focused on a special topic to be determined by instructor.

*Prerequisites:* ENGL 110 or equivalent. Open to seniors, with permission of instructor.

**ENGL 465 Senior Seminar in Cultural Studies (3)**

An advanced study of film and/or cultural studies, focused on a special topic to be determined by instructor.

*Prerequisites:* ENGL 110 or equivalent. Open to seniors, with permission of instructor.

**ENGL 466 Senior Seminar in Writing, Rhetoric, and Language (3)**

An advanced study of writing, rhetoric, or language, focused on a special topic to be determined by instructor.

*Prerequisites:* ENGL 110 or equivalent. Open to seniors, with permission of instructor.

**ENGL 470 Senior Seminar in Major Literary Genres (3)**

An advanced study of a significant genre in the literary tradition, focused on a special topic to be determined by instructor.

*Prerequisites:* ENGL 110 or equivalent. Open to seniors, with permission of instructor.

**ENGL 490 Senior Seminar in Film (3)**

An advanced study of film, focused on a special topic to be determined by instructor.

*Prerequisites:* ENGL 110 or equivalent. Open to seniors, with permission of instructor.

**ENGL 495 Field Internship (1-3)**

A field internship provides the advanced student an introduction to the nature, methods, and literature of one of the professions.

*Prerequisites:* Sophomore, junior or senior standing, a major in English, permission of the instructor and the department chair.

**ENGL 496 Undergraduate Research (1-3)**

Research that involves the student in a faculty member's research project. The project is designed to culminate in a publication, in which the student will be recognized for his or her role.

*Prerequisite:* ENGL 110 or equivalent.

**ENGL 499 Bachelor's Essay (6)**

A year-long research and writing project done during the senior year under the

close supervision of a tutor from the department. A student must have a GPA of 3.25 in the major to qualify and must take the initiative in seeking a tutor to help in both the design and the supervision of the project. A preliminary proposal must be submitted in writing and approved by the departmental Honors Committee prior to registration for the course. Students will confer regularly with their tutor both on the progress of their research (in the first term) and on the draft of their paper (in the second term). The finished paper will normally be 50 or more pages and will reflect detailed research in the field.

## Entrepreneurship Courses

**ENTR 320 Principles of Entrepreneurship (3)**

This course describes entrepreneurship as a process of economic or social value creation, rather than the single event of opening a business. Reflecting recent research, the course focuses on opportunity recognition, assembly of the financial and human resources needed to develop the idea, and launching the new venture.

*Prerequisite:* Junior standing.

**ENTR 321 New Venture Planning (3)**

Student teams write complete business plans for new ventures they originate. Topics covered include research on the target industry and market; analysis of the competition and potential risk; the development of plans for marketing, operations, technology, and management; full pro-forma financial projections, and consideration of milestones, exit, and social responsibility.

*Prerequisites:* ACCT 203, MGMT 301, and ENTR 320.

**ENTR 335 Financing New Ventures (3)**

This course covers commonly used means of funding new ventures including credit cards, short- and long-term debt instruments, and receivables financing. Also covered are the two most common forms of equity investment: angel capital and venture capital. The course uses a combination of lectures, case studies, and expert guest presentations.

*Prerequisite:* ENTR 320.

*Co-requisite or prerequisite:* ENTR 321.

### **ENTR 375 Research in Entrepreneurship (3)**

This course applies qualitative and quantitative methods to the study of entrepreneurship. The course begins by reviewing theories of entrepreneurial behavior, then turns to development of student research projects using data individually collected or contained in national or international databases.

*Prerequisites:* PSYC 103, ENTR 320 and DSCI 232 or PSYC 103, PSYC 220 and ENTR 320.

### **ENTR 405 Small Business Management (3)**

This course deals with the overall management of small firms. Students will work on cases provided by the instructor. The cases require that students help real businesses solve problems in the accounting, finance, management and marketing areas.

*Prerequisites:* ACCT 203, 204, ENTR 320, MGMT 301, MKTG 302, FINC 303, ECON 200, 201 and MATH 104; junior standing.

### **ENTR 406 Social Entrepreneurship (3)**

This course explores issues in not-for-profit entrepreneurship such as ways social reform can be enhanced by adopting principles inherent in sustainable business and ways outcomes can be measured to satisfy contributors and agencies. Readings, lectures, and case discussions will be used to explore these and related issues.

*Prerequisite:* ENTR 320.

### **ENTR 407 Ecopreneurship (3)**

This course approaches environmental problems as entrepreneurial opportunities and sees entrepreneurs as influential in creating positive environmental, social and economic change. Students will learn about sustainable businesses, industries and creating value for all of an organization's stakeholders. Students will work to conceive and develop an environmentally sustainable new business opportunity.

*Prerequisites:* ENTR 320 or ENVT 200 or instructor permission; junior standing.

### **ENTR 451 Health Sciences Entrepreneurship (3)**

This course examines the process of commercializing research results from medical research laboratories. Topics include drug discovery and development, preclinical and clinical trials, market assessment for biomedical products, competitive analysis, revenue models and exit strategies. The course has a project-based format.

*Prerequisites:* ENTR 320 or Instructor Permission for non-Business majors

## **Environmental Studies Courses**

### **ENVT 200 Introduction to Environmental Studies (3)**

An introduction to interdisciplinary thinking about the relationships between humans and their environments and the practical problems resulting from these relationships. The course considers basic elements in the humanities, social sciences and natural sciences that are essential for understanding interactions of humans with the environment.

*Prerequisite:* Sophomore standing.

### **ENVT 350 Independent Study in Environmental Science and Studies (1-4)**

A directed research project on some dimension of environmental science and studies, approached from an interdisciplinary perspective.

*Co-requisites or prerequisites:* At least three courses in the environmental studies minor. Enrollment by permission of the instructor and coordinator of program.

### **ENVT 352 Special Topics in Environmental Science and Studies (1-4)**

An interdisciplinary study of a particular area of environmental concern. Topics will vary. Course may be taken twice for credit, with permission of the coordinator, if topics are substantially different.

*Co-requisites or prerequisites:* At least three courses in environmental studies minor.

*Note: If cross-listed with special topics course in another department, the prerequisites of that department will apply.*

### **ENVT 355 Environmental Studies Field Internship (1-3)**

Students apply knowledge learned in the classroom to a field experience with an organization that works on environmental issues. The internship involves substantial work with an organization, scheduled meetings with the program coordinator, and a significant writing project.

*Prerequisites:* Junior standing, nine hours in the minor including ENVT 200, and permission of instructor

### **ENVT 395 Environmental Studies Seminar (1)**

An interdisciplinary seminar on current environmental issues. May be taken twice with approval of coordinator.

*Co-requisite or prerequisite:* At least three courses in the environmental studies minor.

## **European Studies Courses**

### **EUST 400 European Studies Capstone (3)**

A synthetic interdisciplinary examination of one or more themes or topics on Europe offered by one or more faculty from the disciplines in the three interdisciplinary clusters. Students will have the opportunity to think across disciplines, to make connections between disciplines and to synthesize their acquired knowledge of Europe.

*Prerequisites:* In fulfilling the general education requirements, students will take HIST 101 and 102 (or HONS 120 and 130) or their equivalents and a European language.

## **Exercise Science Courses**

### **EXSC 201 Introduction to Health & Human Performance (3)**

A required introductory course for physical education majors. Content will

include a study of history, principles, objectives, philosophy, current trends and issues, and literature related to physical education, health and exercise science.

*Note: This course is cross-listed with PEHD 201. This course may not be taken for credit if credit has been received for PEHD 201.*

### **EXSC 210 Concepts in Fitness Assessment & Exercise Prescription (3)**

This course is designed to give the student an initial fitness assessment and exercise prescription experiences. Basic concepts of assessment and physical training will be covered. Students will implement an individual training program and demonstrate proficiency in assessment techniques of various skills and health-related fitness components.

### **EXSC 330 Kinesiology (3)**

This course explores the techniques of human motion analysis. Particular emphasis is placed on the anatomical, mechanical and physical principles of motion analysis.

*Prerequisites:* EXSC 201 or PEHD 201; BIOL 202.

### **EXSC 340 Exercise Physiology and Lab (4)**

The major objective of this course is to assist the student in gaining an understanding and appreciation of the physiological and metabolic adaptations accompanying physical work.

*Prerequisites:* EXSC 201 or PEHD 201; BIOL 201.

### **EXSC 401 Independent Study In Exercise Science (1-3, Repeatable up to 9)**

Designed to give the candidate individually structured study and experience in allied areas such as cardiac rehabilitation, athletic training, pre-physical therapy, fitness and recreation, or others approved by the department.

*Prerequisites:* EXSC 201 or PEHD 201; and permission of the department and instructor.

### **EXSC 433 Research Design and Analysis (3)**

This class will focus on data collection and interpretation in health and exercise science, including common physiological, biomechanical, anatomical, and health-related variables.

Emphasis is placed on the development of a clinical research question and the appropriate procedures to further the body of knowledge in the area of health and exercise science.

*Prerequisites:* EXSC 330, EXSC 340, and MATH 104 or 250; or permission of the instructor.

### **EXSC 438 Advanced Topics in Resistance Training and Conditioning (3)**

This course is designed to apply theoretical knowledge in the areas of exercise science toward the development of an optimal resistance training and conditioning program. Emphasis will be placed on achieving peak athletic performance through a longterm manipulation of the program design.

*Prerequisites:* BIOL 201/202, EXSC 340 or permission of the instructor.

### **EXSC 439 Advanced Topics in Exercise Physiology (4)**

This course is designed to provide students with in-depth application of advanced physiological systems, exercise biochemistry and cardio-respiratory physiology to numerous populations (pediatric, aging, obese, diabetic, expectant, sport specific athletic, etc.). The contents of this course will build on the foundation of material covered in EXSC 340 Exercise Physiology.

*Prerequisites:* EXSC 340 or permission of the instructor.

### **EXSC 440 Biomechanics (3)**

This course will focus on the mechanical basis of human movement with some consideration given to the anatomical constraints that influence normal, athletic, and pathological movement. Topics covered will include linear and angular kinematics and kinetics of movement, equilibrium, and fluid mechanics.

*Prerequisites:* EXSC 201 or PEHD 201; EXSC 330; PHYS 101

### **EXSC 444 Scientific Writing and Data Analysis (3)**

A study of general principles related to better understanding the literature in exercise science. The class will focus on how to write effectively and efficiently. Students will write abstracts of different lengths, research proposals, and parts of

the manuscript, including an effective introduction, materials and methods, results, discussion, conclusions and proper referencing.

*Prerequisite:* Senior status.

### **EXSC 498 Capstone Experience in Exercise Science (2)**

The capstone experience is a culmination of coursework in exercise science. It provides the opportunity to critically analyze and conduct contemporary research, practice in a clinical setting, evaluate the current and future trends in the discipline and discuss personal and professional challenges that will exist following commencement.

*Prerequisites:* EXSC 433 and permission of the instructor.

### **EXSC 499 Bachelor's Essay (6)**

A year-long research and writing project done during the senior year under the close supervision of a tutor from the department. The candidate must take the initiative in seeking a tutor to help in both the design and the supervision of the project. A project proposal must be submitted in writing and approved by the department prior to registration for the course.

*Prerequisite:* Honor's College student

## **Finance Courses**

### **FINC 120 Personal Finance (3)**

An introductory course analyzing the characteristics and relative importance of common and preferred stocks, mutual funds, municipal and corporate bonds, Treasury obligations, U.S. Government agency issues and real estate. Special topics including portfolio management, insurance and interest rates will also be covered. This course will not be applied toward the GPA in business, international business, economics or accounting.

### **FINC 260 Special Topics in Finance (3)**

This course is intended for those students who are not business, international business, accounting or economics majors and who have minimal training in finance. The course is designed for the secondyear student and will focus on various areas of personal and corporate finance. This course will not count



toward fulfilling the requirements for a business, international business, accounting or economics degree. In the School of Business and Economics, it will count as a general elective.

### **FINC 303 Business Finance (3)**

This course presents the fundamental concepts of corporate finance. Special attention will be given to the financial administrator's role in the area of working capital, capital budgeting, and financing decisions, including international investment and financial considerations.

*Prerequisites:* Junior standing; ACCT 203, 204, ECON 200, 201, MATH 104 or 250, DSCI 232 suggested.

### **FINC 313 Management of Financial Institutions (3)**

Course objectives are two-fold. First, this course is designed to give the student an understanding of the types and functions of financial institutions, the financial markets which those institutions operate, and the financial instruments traded in those markets. Second, the course focuses on the theory and practice of bank management. The fundamental principles underlying the management of bank assets are emphasized. Attention is devoted to the allocation of funds among various classes of investments and banking operating costs and to changing bank practice.

*Prerequisites:* Junior standing; ACCT 203, 204, FINC 303, ECON 200, 201, MATH 104 or 250.

### **FINC 315 Intermediate Business Finance (3)**

This course provides students interested in the study of financial management the opportunity to apply the concepts of financial management to business problems. Personal computers are used as a tool in solving problems in areas such as financial analysis, cash management, financial forecasting and planning, cash budgeting and capital structure decisions. Software utilized will include standard spreadsheet and financial decision-making packages.

*Prerequisites:* Junior standing; ACCT 203, 204, FINC 303, ECON 200, 201, MATH 104 or 250.

### **FINC 360 Special Topics in Finance (3)**

An in-depth treatment of a current area of special concern or interest within the field of finance.

*Prerequisites:* Junior standing; FINC 303; ACCT 203, 204; ECON 200, 201; MATH 104 or 250; or permission of the instructor.

### **FINC 382 International Financial Management (3)**

This course introduces the operation of international financial markets and financial management in the global environment. It builds an understanding of international finance through both theoretical and practical approaches. Topics covered will include history and development of currency markets, currency derivatives and their applications, types of foreign exchange risk exposure and hedging strategies, market microstructure, and trade finance.

*Prerequisites:* Junior or senior standing; ECON 201, ECON 200, FINC 303.

### **FINC 385 Individual Risk Management and Insurance (3)**

This course creates an awareness of individual risk and the importance of insurance and related products as risk management techniques. Course content focuses primarily on life and health insurance, with a lesser focus on retirement and estate planning. Students develop an understanding of the basic characteristics of risk management tools and strategies, as well as practical competencies in application.

*Prerequisite:* Junior standing.

### **FINC 386 Corporate Risk Management and Insurance (3)**

This course introduces the student to corporate uses of insurance and related products for the purpose of risk management. Course content focuses primarily on product and liability insurance, with time also devoted to employee life insurance for the firm, worker's compensation policies, and employee benefits. Coverage of risk management using financial derivatives is limited.

*Prerequisites:* Junior standing; ACCT 203, 204, FINC 303, ECON 200, 201, MATH 104 or 250.

### **FINC 389 Financial Management Information Systems (3)**

Introduction to the components of, and design techniques for, computerized management information systems and decision support systems, with a particular emphasis on financial decision making. Financial applications of emerging information technologies and ethical implications of increasing reliance on information technology in finance will also be addressed.

*Prerequisites:* Junior standing; FINC 303

### **FINC 399 Tutorial (3, Repeatable up to 6)**

Individual instruction given by a tutor in regularly scheduled meetings (usually once a week).

*Prerequisites:* Junior standing; ACCT 203, 204; ECON 200, 201; MATH 104 or 250; FINC 303; plus permission of the instructor and the chair of the department.

### **FINC 400 Investment Analysis (3)**

Basic investment theory with emphasis given to the analysis of securities, portfolio management and the operation of the securities market.

*Prerequisites:* Junior standing; ACCT 203, 204, DSCI 232, FINC 303, ECON 200, 201, MATH 104 or 250.

### **FINC 401 Fixed Income Investment Analysis (3)**

Detailed consideration of bond valuation, bond portfolio management, mathematics of bond yields and duration, and the interest rate environment. Consideration is also given to overall securities portfolio and techniques with a focus on bond allocation as a necessary diversification strategy.

*Prerequisites:* MATH 120, FINC 303, FINC 400, or permission of the instructor.

### **FINC 402 Derivatives Securities (3)**

This course covers the quantitative underpinnings of derivative design and valuation, particularly options, forwards, and futures. Specific course coverage includes the study of option pricing theory and strategies most commonly used in the market for options. Particular focus will be given to portfolio and risk management.

*Prerequisites:* MATH 120, FINC 303, FINC 400, or permission of the instructor.

### **FINC 410 Seminar in Finance (3)**

A seminar on particular problems or issues facing the finance industry. Topics will vary.

*Prerequisites:* Junior standing; ACCT 203, 204, FINC 303, ECON 200, 201, MATH 104 or 250.

### **FINC 415 Advanced Business Finance (3)**

Study of the decision process and analytical techniques used in evaluating corporate investment and financing decisions. Use of appropriate financial software is required, and pertinent corporate finance teaching cases are used as an instructional tool. Topics include working capital management, mergers and acquisitions, bankruptcy and reorganization, lease analysis, financial management in the non-profit sector, and real options.

*Prerequisites:* FINC 303, FINC 315

### **FINC 418 Advanced Valuation and Corporate Financial Analysis (3)**

This course serves as a synthesis of material taught in previous courses for finance majors. The material drawn from, and built upon, includes topics covered in the areas of investments, institutions, and corporate finance. The tool used to integrate these areas of study is advanced valuation methodology for estimating intrinsic value of firm assets and equity, which necessitates an understanding of the three major areas of finance.

*Prerequisites:* Senior standing; FINC 303, FINC 313, FINC 315, FINC 400

### **FINC 420 Independent Study (1-3)**

The student will select a reading or research project in consultation with a faculty member, who will guide the work and determine the hours of credit to be allowed.

*Prerequisites:* Junior standing; written agreement of the instructor and permission of the department chair.

### **FINC 444 Finance Internship (3)**

A supplemental source of learning and enhancement to the student's academic program and career objectives through experiential education engaging the

student in a unique three-way partnership between an approved agency and the school. The learning experience will be guided by a learning contract outlining specific work and academic components.

*Prerequisites:* Senior standing; declared major or minor in the School of Business; acceptance to an internship program or site; interview with and approval of the instructor. See the departmental internship coordinator for more details.

*Note:* See [GO.COFC.EDU/SBINTERNSHIPS](http://GO.COFC.EDU/SBINTERNSHIPS) for more details.

### **FINC 499 Bachelor's Essay (3)**

A year-long research and writing project completed during the senior year under the close supervision of a tutor from the finance faculty. The student must take the initiative in seeking a tutor to help in both the design and the supervision of the project. A project proposal must be submitted in writing and approved by the Department of Economics and Finance prior to registration for the course.

*Prerequisites:* Senior standing and department approval.

## **First-Year Experience and Seminar Courses**

### **FYER 1xx First-Year Experience Research (1 or 3)**

First Year Experience Research courses are interdisciplinary laboratories or seminars that connect an undergraduate research high impact learning experience to previous First-Year Experience course work. These courses will introduce students to research, its role in the generation of knowledge, and their ability to participate in the process as undergraduates.

*Prerequisites:* Overall GPA of at least 2.0 and instructor permission.

*NOTE:* This course may not count towards the First-Year Experience general education requirement and it is not open to students with more than 30 semester hours of credit. For more information contact the First-Year Experience Office at [fye@cofc.edu](mailto:fye@cofc.edu).

### **FYET 1xx First-Year Experience Travel (1)**

First-Year Experience Travel courses are interdisciplinary seminars that connect study abroad high impact learning experiences to previous First-Year Experience course work. These seminars are used to introduce students to study abroad and global perspectives on particular subjects during their first year.

*Prerequisites:* Overall GPA of at least 2.0 and instructor permission.

*NOTE:* This course may not count towards the First-Year Experience general education requirement and it is not open to students with more than 30 semester hours of credit. For more information contact the First-Year Experience Office at [fye@cofc.edu](mailto:fye@cofc.edu).

### **FYSM 1xx First-Year Seminar (3)**

First-Year Seminars focus on topics within or across the disciplines of study in the College curriculum. Seminars introduce students to the discipline, its ways of thinking and methods of conducting research. Seminars also address the needs of first-year students: introducing students to the College's liberal arts and sciences curriculum and to resources such as the Library, computing facilities, advising and other student support services.

*Notes:* Particular sections of the seminar may count for general education credit and may also count for credit toward a major. No prerequisites and not open to students with more than 30 semester hours of credit (transfer of College of Charleston credit, excluding AP and dualenrollment credits).

## **Foundations, Secondary, and Special Education Courses**

### **EDFS 201 Foundations of Education (3)**

A survey of the American public school system with emphasis on current trends and issues, the development of teaching as a profession, organization and control of schools and the history of education. F, S, Su.

*Prerequisite:* Class rank of sophomore or above.

*Note:* EDFS 201 is a prerequisite to all other education courses.

### **EDFS 303 Human Growth and Education Process (3)**

This course provides an introduction to the general principles of lifelong human growth and development and their relationship to the educational process. An emphasis will be placed on physical, social, intellectual and emotional development and their interaction with educational variables.

*Note:* Candidates who have received credit for PSYC 224 prior to beginning a teacher education program should not take EDFS 303 (credit will not be awarded).

### **EDFS 326 Integrating Technology Into Teaching (3)**

This is an introductory course for pre-service teachers using technology in the classroom. Students become familiar with application software such as word processing, database, spreadsheet, and hypermedia, desktop publishing and telecommunications and learn to evaluate hardware and software.

*NOTE:* This course is cross-listed with EDFS 687.

### **EDFS 330 Classroom & Behavior Management (3)**

Course designed to enable candidates to implement positive management techniques in their classrooms. Focuses on principles and procedures underlying effective social and academic development and the use of positive motivational methods with children and youth.

*Prerequisites:* EDFS 201 and class rank of junior or above.

### **EDFS 345 Introduction to the Education of Exceptional Children and Youth (3)**

An introduction to programs, problems and procedures related to working with children and youth who are exceptional: mentally, physically or emotionally. Focuses on children and youth who have problems of vision, hearing or speech as well as those with physical and neurological difficulties. Attention is also given to recent research and timely issues dealing with students with exceptionalities and special education programs. Observations required.

*Co-requisite or prerequisite:* EDFS 303 or equivalent.

### **EDFS 350 Field Experience I in the Instruction of Students with Disabilities (3)**

Supervised field experience requiring 45 hours of classroom experience with children or youth with disabilities. Related seminar addresses the roles of the special educators, organizational and legal contexts for special education programs, models of service delivery, professional and ethical practice and collaboration skills.

*Prerequisites:* EDFS 345 and 411.

### **EDFS 351 Characteristics of Students with Emotional Disabilities (3)**

An introductory study of causes, characteristics, and educational practices associated with students with emotional disabilities. Includes field experiences with students with emotional disabilities. Observations required.

*Prerequisite:* EDFS 345.

### **EDFS 352 Characteristics of Students with Learning Disabilities (3)**

An introductory study of causes, characteristics, and educational practices associated with students with learning disabilities. Includes field experiences with students with learning disabilities. Observations required.

*Prerequisite:* EDFS 345.

### **EDFS 353 Characteristics of Students with Mental Disabilities (3)**

An introductory study of causes, characteristics, and educational practices associated with students with mental disabilities. Includes field experiences with students with mental disabilities. Observations required.

*Prerequisite:* EDFS 345.

### **EDFS 411 Introduction to Curriculum and Instruction for Students with Disabilities (3)**

An introduction to curricular, instructional and assessment concepts for teacher candidates in special education. Candidates will be introduced to curriculum frameworks (K–12), instructional design, lesson planning, program models in special education, effective instruction literature and typical assessment models.

*Co-requisite or prerequisite:* EDFS 345.

### **EDFS 412 Social Competence Instruction for Students with Disabilities (3)**

A study of the application of functional behavioral assessment, development of positive behavior intervention plans, and instruction in social competence addressing the unique social learning and behavioral characteristics of students exhibiting high-incidence disabilities with primary or secondary behavioral and/ or emotional characteristics within the context of an academically meaningful school-based program.

*Prerequisite:* EDFS 330.

### **EDFS 413 Field Experience II in the Instruction of Students with Disabilities (3)**

Supervised field experiences requiring a minimum of 45 hours of direct instruction of children or youth with disabilities. Related seminar address timely issues in special education; understanding research related to special education and integrating it into practice; best practices for planning and implementing instruction with students with disabilities; and best practices for managing special education classrooms. In addition, knowledge and skills developed in the initial field experience are reinforced. These include communication, problem solving, professional roles, programs models, student diversity and CEC standards.

*Prerequisites:* EDFS 345 and 411.

### **EDFS 422 Educational Procedures for Students with Mental Disabilities (3)**

An in-depth study of educational procedures, curriculum, methods and materials used to teach children and youth with varying degrees of mental disabilities. Includes teaching procedures, systems of support, development of community and vocational training, technological applications and classroom management techniques.

*Prerequisite:* EDFS 353.

### **EDFS 425 Teaching Reading and Language Arts to Students with Disabilities (3)**

An in-depth study of research-based teaching methodologies for K–12 students with high-incidence disabilities in the areas of reading and written

language. Grounded in national and state curriculum standards, the course will focus on developmental, corrective and strategic reading and writing approaches and require candidates to demonstrate competence in planning individualized programs.

*Prerequisites:* EDFS 345 and 411.

### **EDFS 426 Language Development and Communication (3)**

The study of language development and how to enhance language and communication skills of students with disabilities. Class sessions will address language communication abilities of students with a variety of disabilities, assessing and enhancing communication skills of students with a disability, exploring augmentative and alternative modes of communication and investigating the effects of culture on language development.

*Prerequisites:* EDFS 201 and 303.

### **EDFS 427 Math for Students with Disabilities (3)**

A course designed to prepare candidates to teach mathematics, problem solving, and reasoning skills to students with high-incidence disabilities K–12. The course will focus on national mathematics curriculum standards, high-stakes assessment, functional mathematics and problem solving with an emphasis on the effects of disabilities on mathematics achievement. The problem-solving strand will be extended to include cross-curricular applications of reasoning skills.

*Prerequisites:* EDFS 345 and 411.

### **EDFS 428 Procedures for Teaching Students with Learning Disabilities (3)**

This course is designed to prepare students to teach children and youth with learning disabilities, elementary through high school. Emphasis is placed on research-based practices for teaching mathematics, modifying instruction in content areas, teaching learning strategies, and facilitating transition. The course focuses on preparing students to teach in resource and inclusive models of service delivery.

*Prerequisites:* EDFS 345, EDFS 352, EDFS 411

*NOTE: This course is cross-listed with EDFS 741.*

### **EDFS 437 Assessment of Students with Disabilities (3)**

This course is designed to prepare candidates to select, administer, and interpret formal and informal educational assessment instruments and techniques. Candidates learn how to apply findings gleaned from educational assessments to the design of instruction for students with disabilities.

*Prerequisites:* EDFS 345 and 411.

### **EDFS 440 Clinical Practice in Special Education (12)**

A course designed to provide candidates with an extensive supervised field experience in teaching exceptional learners. Each candidate will be placed in a special education setting commensurate with his or her emphasis within special education for a minimum of 60 days (12 weeks). Weekly seminars also are required. Candidates must apply for admission to clinical practice one semester prior to enrollment. The deadline for application for fall semester clinical practice is the last day of drop/add in the previous spring semester. The deadline for application for spring semester clinical practice is the last day of drop/add in the previous fall semester.

*Prerequisites:* Admission to the teacher education program and completion of all education courses.

### **EDFS 455 Literacy and Assessment Content Areas (3)**

Course emphasizes knowledge and skills secondary teachers need to 1) understand reading, writing, and thinking processes at various instructional levels, and 2) make connections between assessment and instruction. Practical application is stressed in delivery of content-specific literacy instruction; preparation, use and interpretation of teacher-made assessments; and use of standardized tests and interpretation of results. Field experience required. Additional course content will be included in the area of student assessment.

### **EDFS 456 Teaching Strategies in the Content Areas (3)**

An in-depth, content-specific study of the theory and practice of teaching for secondary education minors. The course reflects current state and national teaching standards. It teaches practicum students to be reflective practitioners.

Candidates must register for a section corresponding to their academic major. EN: English SC: Science SS: Social studies MA: Mathematics FL: Languages

### **EDFS 460 Clinical Practice in the Content Areas (12)**

A course designed for candidates seeking secondary or K–12 program certification in a particular field of specialization. Candidates are placed in a public school setting for intensive and continuous involvement within the context of the total instructional process for at least 60 full days (12 weeks). Weekly seminars also are required. Candidates must apply for admission to clinical practice one semester prior to enrollment. The deadline for application for fall semester student teaching is the last day of drop/add in the previous spring semester. The deadline for application for spring semester is the last day of drop/add in the previous fall semester.

*Prerequisites:* Admission to a teacher education program and completion of all education courses.

### **EDFS 470 Independent Study in Education (1-3)**

A course in which candidates who have taken an appropriate sequence of preparatory courses in education may do an individually supervised study of some topic of the candidate's interest. Each project must be done in consultation with a department member qualified to guide and evaluate the work. Awarding of credit will be commensurate with the nature of the independent study as documented on the independent study.

*Prerequisites:* Class rank of junior or above and permission of the instructor and department chair.

### **EDFS 500 Nonviolent Crises Intervention (1)**

This course provides candidates with the knowledge and skills required to effectively handle crisis situations in school, clinic, and residential settings. Candidates receive training in strategies designed to prevent and, if necessary, control verbally and physically aggressive behavior while protecting students and themselves.

**EDFS 560 Special Topics in Education (1-3)**

Study of a particular subject or theme in educational methods of teaching or content. Specific topics will be listed with the course title when offered, e.g., Special Topics in Education: Multicultural Education.

## French Courses

**FREN 101 Elementary French (3)**

Introduces the fundamental structures of French with emphasis on acquisition of the basic language skills: reading and listening comprehension, oral and written expression.

*Prerequisite:* Open only to beginning students of French.

*Note:* A student having completed FREN 101 and 102 may not take FREN 150 or 105 for credit.

**FREN 101C Elementary French Conversation Supplement (1)**

A one-hour weekly session for intensive listening-speaking practice in French utilizing vocabulary and grammatical structure presented in the corresponding basic course.

**FREN 102 Elementary French II (3)**

Introduces the fundamental structures of French with emphasis on acquisition of the basic language skills: reading and listening comprehension, oral and written expression.

*Prerequisite:* Placement or FREN 101.

*Note:* A student having completed FREN 101 and 102 may not take FREN 150 or 105 for credit.

**FREN 102C Elementary French Conversation Supplement (1)**

A one-hour weekly session for intensive listening-speaking practice in French utilizing vocabulary and grammatical structure presented in the corresponding basic course.

**FREN 105 Basic Review of French Grammar and Syntax (3)**

For students who have completed a minimum of two years of high school French as preparation for study at the intermediate level.

**FREN 150 Intensive Elementary French (6)**

Equivalent to FREN 101–102. Introduces the fundamental structures of French with emphasis on acquisition of the basic language skills: reading and listening comprehension, oral and written expression.

*Prerequisite:* This course is open only to those who are beginning students in French.

*Note:* This course covers the materials of FREN 101 and 102 in one semester.

*Classes meet five days a week for a total of six hours of instruction. It is designed for students seeking to accelerate their studies of French. Students who have completed FREN 101, 102, or 105 may not receive credit for FREN 150.*

**FREN 201 Intermediate French (3)**

Develops a basic proficiency in French and familiarity with French culture through practice in the use of the basic language skills and acquisition of vocabulary.

*Prerequisite:* FREN 102 or 105 or placement.

**FREN 201C Intermediate French Conversation Supplement (1)**

Optional one-hour weekly sessions for intensive listening- speaking practice in French, utilizing vocabulary and grammatical structure presented in a corresponding basic course.

**FREN 202 Intermediate French (3)**

Develops a basic proficiency in French and familiarity with French culture through practice in the use of the basic language skills and acquisition of vocabulary.

*Prerequisite:* FREN 201 or placement.

**FREN 202C Intermediate French Conversation Supplement (1)**

Optional one-hour weekly sessions for intensive listening- speaking practice in French, utilizing vocabulary and grammatical structure presented in a corresponding basic course.

**FREN 220 Special Assignment Abroad (1-3, to be Determined by Chair)**

An internship or other experiential learning project designed to enhance command of French in a French-speaking environment. Assignment to be

undertaken and nature of its evaluation to be determined in consultation with the instructor or department chair.

**FREN 250 Intensive Intermediate French (6)**

Equivalent to FREN 201–202. Aims to develop a basic proficiency in French and familiarity with French culture through practice in the use of the basic language skills and acquisition of vocabulary.

*Prerequisite:* FREN 102, 105 or 150 with a grade of "C+" (2.5) or better, or placement via placement exam. Students are advised not to postpone completion of their language requirement until their senior year since this course might not be available to them.

*Note:* This course covers the materials of FREN 201–202 in one semester. Classes meet five days a week for a total of six hours of instruction. It is designed for students seeking to accelerate their studies of French. Having completed FREN 201 and/or 202, students may not take FREN 250 for credit; conversely, students who complete FREN 250 may not receive credit for 201 or 202.

**FREN 313 French Composition and Grammar (3)**

Intensive review of basic grammar. Students develop their skills in French composition in a range of genres and in ways that emphasize clarity, coherence, intellectual force, and stylistic control. Students are highly encouraged to take FREN 313 and 314 concurrently. This course is conducted in French.

*Prerequisite:* FREN 202 or 250 or placement.

**FREN 314 French Conversation and Composition (3)**

Emphasis on the enhancement of oral proficiency in French. Students improve pronunciation, conversation and listening skills, while developing and expanding French vocabulary. Conversation topics will include a wide range of situations and themes. Students are highly encouraged to take FREN 313 and 314 concurrently. This course is conducted in French.

*Prerequisite:* FREN 202 or FREN 250 or placement.

**FREN 320 A Survey of Francophone Literature (3)**

This course provides an exploration of Francophone literature and film. We will

explore key literary texts and movements, seeking to understand the products and perspectives of colonialism and its aftermath.

*Prerequisites:* FREN 313 and FREN 314 or permission of the instructor.

### **FREN 321 A Survey of French Literature (3)**

This course provides an overview of French literature from the Middle Ages through the Twentieth Century. It also introduces methods of critical analysis that can be applied to all genres of literature.

*Prerequisites:* FREN 313 and FREN 314 or permission of the instructor.

### **FREN 326 A Survey of Francophone Civilization (3)**

This course will examine key cultural aspects of Postcolonial French-speaking countries of the Maghreb, Sub-Saharan Africa, and the Caribbean islands through written literatures, cultural theories, political discourse, cinema, music and art.

*Prerequisites:* FREN 313 and FREN 314 or permission of instructor.

### **FREN 327 A Survey of French Civilization (3)**

This course will introduce students to the history of the French Civilization from the earliest recorded history through 1950. Students will read selections from authentic documents and literature of each period as well as information about historical events and their significance for Europe and the World, throughout history and contemporary events.

*Prerequisites:* FREN 313 and FREN 314 or permission of instructor.

### **FREN 330 Collateral Study (1-3)**

Individually supervised course of reading French and in the subject area of a concurrent course offered by another department. The nature and extent of readings will be determined in consultation among student, instructor of the primary subject-matter course and the language instructor who will supervise and evaluate the student's linguistic performance. A collateral study course may be repeated up to maximum of six credit hours in conjunction with other primary courses.

### **FREN 341 Phonetics and Advanced Language Study (3)**

Phonetics, corrective drills for the improvement of pronunciation and intonation, as well as the phonological structure of French.

*Prerequisites:* FREN 313 and 314 and one course from the sequence FREN 320, 321 or permission of the instructor.

### **FREN 342 Advanced French Grammar (3)**

A review of the fundamentals of French grammar and structure, with emphasis on verbs and pronouns, as well as the expansion of certain rules in conformity with current usage.

*Prerequisites:* FREN 313 and 314 or permission of the instructor.

### **FREN 350 Intensive Conversation and Composition (6)**

Equivalent to FREN 313–314. This course aims to develop fluency in spoken and written French.

*Prerequisite:* FREN 202 or 250, placement or permission of the instructor.

### **FREN 360 French Language Study Abroad (3)**

Designed to develop confidence in communicative skills and greater facility in dealing with ideas in French through life and study in a French-speaking country.

*Prerequisites:* FREN 202 or 250 or permission of instructor.

### **FREN 361 Current Issues in France or the French-Speaking World (3)**

A study of the most important current political, socio-economic and cultural issues in the country visited. Information from the communications media (newspapers, magazines, TV, etc.) will be used and discussed whenever possible.

*Prerequisite:* FREN 202 or 250 or permission of the instructor.

### **FREN 363 Advanced French Culture (3)**

This course teaches students to better understand the French culture in comparison with American life, and to better communicate despite cultural differences. Course material will consist in part of students' analysis of personal experiences while living overseas. An emphasis will be placed on intercultural

interactions. This course is offered exclusively in France.

*Prerequisite:* FREN 202 or 250 or permission of instructor.

### **FREN 370 Studies in French and Francophone Literature and Film (3)**

Study of major works of literature and their adaptation to the screen, with emphasis on the similarities and differences between the two media.

*Prerequisites:* FREN 313 and FREN 314 or permission of instructor.

*Note:* The course will be taught in French. The course will count towards the major.

### **FREN 380 Le Concept De Marketing (3)**

This course develops an appreciation for the complexities of establishing and implementing marketing strategies in both domestic and international economies. Areas of study include consumer and industrial behavior, marketing research, products/services, channels of distribution, packaging, positioning, pricing and promotions. The course highlights the basic differences in the American and French outlooks of marketing. The course is offered in French.

*Prerequisites:* FREN 313 and FREN 314

### **FREN 381 French for World Business I (3)**

An introduction to the practical vocabulary and syntax used in normal French business transactions. Topics include: role of government in French economy, opening and operating bank accounts, making business contacts, business travels, making and canceling reservations, business correspondence, business etiquettes, etc. Through case studies and other activities, cultural components of international business as well as oral skills adapted to international business practices will be emphasized.

*Prerequisites:* FREN 313 and FREN 314

### **FREN 382 French for World Business II (3)**

Development of vocabulary and expressions related to international business practices, focusing on business and economic climates and trends with specific goals of developing reading comprehension, cultural understanding, and ability to analyze economic and political discourse. Topics, including

structure of French business, sales, advertising, negotiation, banking, imports and exports, will reinforce oral and written communication.

*Prerequisites:* FREN 313 and FREN 314

### **FREN 390 Special Topics in French (3)**

Intensive study of a particular subject or theme (Specific topics will be listed in the Schedule of Courses when offered; e.g., History of French Music).

*Prerequisites:* FREN 313 and FREN 314, one one course from the following sequence FREN 320, 321, 326, 327 or permission of the instructor.

### **FREN 431 The Middle Ages and the Renaissance in France (3)**

Study of the beginnings and development of the earliest forms of the novel: The Chansons de geste and Roman Courtois through Rabelais; the evolution of French lyrical poetry through La Pleiade; the growth of theatre from the drame religieux and farce through the birth of French tragedy; and the Humanist movement with an emphasis on Montaigne. Texts will be read in modern versions.

*Prerequisites:* FREN 313 and FREN 314, and one course from the following sequence FREN 320, 321, or permission of the instructor.

### **FREN 432 Literature of the 17th Century (3)**

A study of various genres of literature, including poetry, prose, and theater. Students will read the great works of that era; they will analyze how those works reflected and impacted the culture of the time.

*Prerequisites:* FREN 313 and 314 and one course from the sequence FREN 320, 321 or permission of the instructor.

### **FREN 434 Literature of the 18th Century (3)**

The Enlightenment: Fontenelle, Montesquieu, Voltaire, Diderot, L'Encyclopédie, L'Abbé Prevost, Rousseau and others.

*Prerequisites:* FREN 313 and FREN 314, one one course from the following sequence FREN 320, 321, or permission of the instructor.

### **FREN 435 Literature of the 19th Century (3)**

A study of various genres of literature, including poetry, prose, and theater. Students will read the great works of that era; they will analyze how those works reflected and impacted the culture of the time.

*Prerequisites:* FREN 313 and FREN 314, and one course from the following sequence FREN 320, 321 or permission of the instructor.

### **FREN 437 Literature of the 20th Century (3)**

A study of various genres of literature, including poetry, prose, and theater. Students will read the great works of that era; they will analyze how these works reflected and impacted the culture of the time.

*Prerequisites:* FREN 313 and FREN 314, and either FREN 320 or 321 or permission of the instructor.

### **FREN 443 The Novel in France (3)**

A survey of its development from the early psychological novel through the modern novel and Nouveau Roman. Theoretical works will be studied as well.

*Prerequisites:* FREN 313 and FREN 314, and either FREN 320 or 321 or permission of the instructor.

### **FREN 451 African Literature of French Expression (3)**

The evolution of the major genres of the African literature in French south of the Sahara from 1808 to present and a study of the main literary currents of some of the significant works of the major writers.

*Prerequisites:* FREN 313 and FREN 314, and either FREN 320 or 321 or permission of the instructor.

### **FREN 452 Literature of the Maghreb (3)**

This course is designed to explore the historical and social background of this literature and its international success. Colonialism, nationalism, independence, and post-colonialism in North Africa set the stage for writers like Tahar ben Jelloun, Rachid Boujedra, Mohamed Choukri, Asia Djebbar to write metaphorically about Islam, women, human rights, oppression, alienation and immigration.

*Prerequisites:* FREN 313 and FREN 314, and either FREN 320 or 321 or permission of the instructor.

### **FREN 482 French and Francophone Women Writers (3)**

This course will survey the historical, religious, and psycho-philosophical aspects of women's conditions in various cultures of the French-speaking world throughout history and how those conditions are reflected in literature written by the women who lived in them. Various genres of literature will be studied, including poetry, prose, and theater.

*Prerequisites:* FREN 313 and FREN 314, and either FREN 320 or 321 or permission of the instructor.

### **FREN 490 Special Topics in French (3)**

Intensive studies designed to supplement or to investigate more fully offerings in the French curriculum. Formulation of the specific subject matter for the course will reflect both student and faculty interest.

*Prerequisites:* FREN 313 and FREN 314, and one course from the following sequence, FREN 320, 321, 326, 327 or permission of the instructor.

### **FREN 491 Topics in Contemporary French and Francophone Cultures (3)**

This course explores and analyzes a theme/topic in French and Francophone cultures highlighting cultural signs, identities, values and institutions and their applicability to a broad spectrum of life including business, economics, commerce, cinema, art, popular culture, and mass media. Repeatable up to six credit hours if themes/topics are different.

*Prerequisites:* FREN 313, 314; FREN 326 or 327 or permission of the instructor.

### **FREN 495 Capstone Seminar: Contemporary France and the Francophone World (3)**

The capstone experience provides French majors with an opportunity to integrate the coursework from their major and other related interdisciplinary experiences. Students will research and explore a broad subject or theme from the Francophone world, thus enabling them to develop critical analysis and put into practice the knowledge and skills they have developed as French majors.

*Prerequisites:* Two courses completed at the 400 level, senior status or permission of the chair. Permission of the instructor.

*NOTE:* Currently, the capstone course is offered in the spring semester only.

### **FREN 496 Directed Reading (1-3)**

An individual research course where a student works closely with a professor on an assigned topic.

### **FREN 498 Independent Study (1-3)**

Research on a topic to be defined by the individual student in consultation with the instructor in the department who will guide the work and determine the credit hours to be assigned.

*Prerequisite:* Permission of the instructor.

### **FREN 499 Bachelor's Essay (6)**

A year-long research and writing project completed during the senior year under the close supervision of a tutor from the French faculty. The student must have a GPA of 3.25 in the major to qualify and must take the initiative in seeking a tutor to help in both the design and the supervision of the project. A project must be submitted in writing and approved by the chair. The finished paper will normally be 50 or more pages and will reflect research in the field.

### **LTFR 150 French Literature in (English) Translation (3)**

Study of selected works from a number of literatures that offer different perspectives on the world and humankind.

### **LTFR 250 Francophone Literature in Translation (3)**

A study of major works of Francophone literature in translation from around the world. May not count toward the major.

## **Geography Courses**

### **GEOG 101 World Regional Geography (3)**

This course introduces students to the key concepts of geography through the lens of different regions of the world. Students explore the dynamics of human existence in different settings, arriving at

a holistic understanding of life in the region by considering the interaction of physical and human geographies. The focus is on diversity amid the commonalities of human experience. Cross-listed with POLI 104. Students may not earn credit for both courses.

### **GEOG 119 Special Topics in Geography (3)**

This course examines selected topics in geography not covered in other courses.

### **GEOG 219 Reading the Lowcountry Landscape (3)**

This course will develop geographic skills through a critical analysis of the South Carolina Lowcountry. The course takes holistic approach to understanding the Lowcountry by exploring the various processes (such as environmental, political, cultural and economic) that have shaped the region. Because geography emphasizes sensitivity to place, field research is an integral component of this course.

### **GEOG 301 Special Topics in Geography (3)**

This course examines selected topics in geography not covered in other courses.

### **GEOG 401 Reading and Independent Study in Geography (1-3)**

This is a course designed primarily for the student interested in a particular topic. The amount of reading and/or the nature of the project will determine the credit to be assigned.

*Prerequisite:* Permission of the instructor; may be repeated; no more than six hours may be applied to the minor.

## **Geology and Environmental Geosciences Courses**

### **GEOL 101 Dynamic Earth (3)**

This course examines many aspects of the Earth: its internal structure and composition; its atmosphere and oceans; surface processes such as erosion by streams, wind, and glaciers, and the folding and faulting of solid rock; as well

as earthquakes, volcanism and plate tectonics. Lectures three hours per week. Natural science general education requirement is satisfied by taking either GEOL 101 and GEOL 105 or GEOL 103 and GEOL 105. A student cannot get credit for both GEOL 101 and GEOL 103.

### **GEOL 101L Dynamic Earth Laboratory (1)**

A laboratory course to accompany GEOL 101. Laboratory three hours per week.

*Co-requisite:* GEOL 101. A student cannot get credit for both GEOL 101L, GEOL 103L or HONS 155L.

### **GEOL 103 Environmental Geology (3)**

This course provides an introduction to the study of environmental geology. The course emphasizes how humans live with geological hazards such as earthquakes, volcanoes, landslides and floods. The course will also examine how the application of the science of geology can solve environmental problems, such as groundwater pollution, hazardous waste disposal and coastal erosion that arise from the utilization of natural resources. Lectures three hours per week.

*Co-requisite:* Laboratory 103L. A student cannot get credit for both GEOL 101 and GEOL 103 or HONS 155.

### **GEOL 103L Environmental Geology Laboratory (1)**

A laboratory course to accompany GEOL 103. Laboratory three hours per week.

*Co-requisite:* GEOL 103. A student cannot get credit for both GEOL 101L and GEOL 103L or HONS 155L.

### **GEOL 105 Earth History (3)**

An overview of the 4.5 billion-year history of our planet as revealed by analysis and interpretation of the geologic and paleontologic record preserved in rocks of the earth's crust. Lectures three hours per week.

*Prerequisites:* GEOL 101 and 101L or GEOL 103 and 103L or HONS 155 and 155L.

### **GEOL 105L Earth History Laboratory (1)**

A laboratory course to accompany GEOL 105. Laboratory: three hours per week.

*Co-requisite:* GEOL 105.



**GEOL 107 Introduction to Coastal and Marine Geology (3)**

This course introduces students to the geological processes that form, shape and modify the world's ocean basins and the sediments contained within. Coastal and deep marine depositional environments will be examined from both a modern and ancient perspective.

*Prerequisites:* GEOL 107 may not be used to fulfill the natural science and general education or geology major requirements. Students may not receive credit for both GEOL 107 and 257.

**GEOL 206 Planetary Geology (3)**

This course is designed to explore surface landscapes of planets and moons within our solar system. Topics for discussion will include the general physiography of the planetary bodies and the processes that modify their surface morphologies (e.g., tectonism, volcanism, impact cratering, eolian, hydrologic, glacial and other resurfacing processes). Lectures three hours per week.

*Prerequisite:* GEOL 101 or 103 or permission of the instructor.

**GEOL 213 Natural Hazards (3)**

This course investigates the scientific aspects of several types of natural hazards (earthquakes, volcanoes, floods, etc.) using in-depth case studies of recent and historical hazardous events. The course will emphasize both hazardous impacts and means of mitigating risks. Case studies of specific events will be used to highlight the social, economic, environmental and human impacts.

*Prerequisite:* GEOL 101 or 103 or HONS 155 or permission of the instructor.

**GEOL 235 Geology and Civilization**

In this course we will examine the affects geologic phenomena have had on the development of some classical societies. We will delve into the geology behind these phenomena, learn how to identify geological events in the soil/rock record, and then critically examine how these phenomena may have affected trade, agriculture, power, resources and more.

*Prerequisite:* GEOL 101.

**GEOL 238 Water Resources (3)**

Water resources are discussed in context of historical, present-day, and potential

future conditions. Hydrology fundamentals covered in the first half, and the second half will address resource assessment, human impacts, and legal and political conflicts involving water resources. Topics are presented in a case-study format, with substantial classroom discussion.

*Prerequisites:* GEOL 101 and 101L or GEOL 103 and 103L or HONS 155 and 155L; GEOL 105 and 105L or HONS 156 and 156L.

**GEOL 240 Special Topics in Geology (1-4)**

This course will be used to offer an examination of topics in geology for which a regular course is not offered.

*Prerequisites:* GEOL 101 or 103; GEOL 105 or HONS 155 and 156, or permission of the instructor.

**GEOL 250 Introduction to Geochemistry (4)**

Students develop requisite theoretical and practical skills to qualitatively and quantitatively solve geological and environmental problems. This course introduces basic chemical principles required to understand fundamental geological and environmental processes. Topics covered include chemical evolution of Earth, principles and environmental applications of inorganic, aqueous, and isotope geochemistry.

*Prerequisites:* GEOL 101/101L or GEOL 103/103L or HONS 155/155L and GEOL 105/105L or HONS 156/156L, and CHEM 101/101L or CHEM 111/111L.

*Co-requisite:* GEOL 250L.

**GEOL 250L Introduction to Geochemistry Laboratory (0)**

This course is a co-requisite with GEOL 250 Introduction to Geochemistry. Topics covered help students develop basic laboratory and practical skills that are required to successfully analyze geochemical phenomena. Ample hands-on opportunities will be provided to learn about techniques that are used to assess basic environmental parameters.

*Co-requisite:* GEOL 250.

**GEOL 252 Mineralogy (4)**

This course will cover topics relevant to mineral study including: crystallography, crystal chemistry, and the origin and identification of ore minerals and rock-

forming minerals. Megascopic, microscopic and spectroscopic methods will be used in classroom activities. Lectures three hours per week; laboratory three hours per week.

*Prerequisites:* GEOL 101 or 103; GEOL 105 or HONS 155 and 156; CHEM 101 or 111; or permission of the instructor.

**GEOL 257 Marine Geology (4)**

A study of geological processes at work in the sea. Discussion of the various marine environments ranging from the nearshore estuarine and coastal environments to those of the deep ocean basins. Lectures three hours per week; laboratory three hours per week.

*Prerequisites:* GEOL 101 or 103; GEOL 105 or HONS 155 and 156; or permission of the instructor. Students may not receive credit for both GEOL 107 and 257.

**GEOL 260 NASA Space Mission Design (2)**

Students work on teams with engineering students at another university to design unmanned NASA satellite missions. Student teams interactively participate through presentations, assigned readings, on-line discussions, classroom exercises and dynamic activities, and compete for best mission with final projects being evaluated by a panel of NASA experts.

*Prerequisite:* GEOL 206 or permission of instructor.

*Co-requisite:* GEOL 260L or GEOL 460L

**GEOL 260L NASA Space Mission Design Lab (1)**

Lab students work on teams with engineering students at another university to design unmanned NASA satellite missions. Student teams interactively participate through presentations, assigned readings, on-line discussions, classroom exercises and dynamic activities, and compete for best mission with final projects being evaluated by a panel of NASA experts.

*Prerequisite:* GEOL 206 or permission of instructor.

*Corequisites:* GEOL 260

**GEOL 269 Introduction to Petrology (4)**

A study of the origin, evolution, classification, composition and physical

properties of igneous, sedimentary and metamorphic rocks. The three rock groups are related to petrophysical, petrochemical and tectonic environments. Identification of hand samples and thin sections are taught in the laboratory. Lectures three hours per week; laboratory three hours per week.

*Prerequisites:* GEOL 101 or 103; GEOL 105 or HONS 155 and 156; GEOL 252; or permission of the instructor.

#### **GEOL 272 Stratigraphy and Sedimentation (4)**

This course will introduce students to the various stratigraphic principles, relationships and analyses used by geologists to interpret sedimentary rock sequences. Students will also be introduced to sedimentary processes and properties that can be used to identify and interpret sedimentary environments in the stratigraphic record. Lectures three hours per week; laboratory three hours per week.

*Prerequisites:* GEOL 101 or 103; GEOL 105 or HONS 155 and 156; or permission of the instructor.

#### **GEOL 275 Geomorphology (4)**

An introduction to the understanding of geomorphic principles used to interpret the evolution of landforms and the geomorphic history of different regions of the United States. Practical applications to such fields as groundwater hydrology, soil science and engineering geology. Laboratory sessions will deal with the interpretation of aerial photographs, soil maps and topographic maps. Lectures three hours per week; laboratory three hours per week.

*Prerequisites:* GEOL 101 or 103; GEOL 105 or HONS 155 and 156; or permission of the instructor.

#### **GEOL 288 Global Change: A Geological Perspective**

The Earth's climate has changed throughout its history and it will change in the near future. The class draws from geology, chemistry, meteorology, and oceanography to explore the geological record and the contemporary Earth System processes to provide students with an understanding of the complexity of global change.

*Prerequisite:* GEOL 105

#### **GEOL 300 Independent Study in Geology (1-3)**

An independent research project in which a student works on a research topic under the supervision of a faculty member. The faculty member will help to design and supervise the project. A project proposal will be drafted and approved by both the faculty member and the student researcher and approved by the department chairman.

*Prerequisite:* Junior class standing or departmental approval.

#### **GEOL 303 Independent Study in Geology (1-3)**

An independent research project in which a student works on a research topic under the supervision of a faculty member. The faculty member will help to design and supervise the project. A project proposal will be drafted and approved by both the faculty member and the student researcher and approved by the department chairman.

*Prerequisite:* Junior class standing or departmental approval.

#### **GEOL 312 Environmental Field Methods (3)**

Professional geologists are required to interpret geologic and hydrogeologic data in the context of regulatory policy when attempting to solve environmental problems. This course will provide an introduction and synthesis of field methods and policies typically encountered by environmental geologists in the field, including study of wetlands, ground water flow and quality and assessment of contaminated soil and water. Instruction will include the use of case studies to provide a realistic context for the field studies. Lectures two hours per week; laboratory three hours per week.

*Prerequisites:* GEOL 101, 105, and 272.

#### **GEOL 314 Introduction to Remote Sensing (4)**

An introduction to the physical fundamentals of remote sensing. The course uses the electromagnetic spectrum as a guide to various sensor systems and designs. Topics include: electromagnetic spectrum, color theory, photographic films, sensor systems and design, data collection, reduction and application, computer software available and data

acquisition. Course emphasis is on geologic problems. Lectures three hours per week; laboratory three hours per week.

*Prerequisites:* GEOL 101 or 103; GEOL 105 or HONS 155 and 156.

#### **GEOL 320 Earth Resources (3)**

Earth resources including metallic ore deposits, nonmetallic deposits, and energy resources utilized by society are classified and described. The compromises between the environmental impact of resource development and industrialization are also studied from a scientific perspective. Lectures three hours per week.

*Prerequisites:* GEOL 101 or 103; GEOL 105 or HONS 155 and 156 and GEOL 252.

#### **GEOL 333 Paleobiology (4)**

An investigation of the record of past life on Earth as preserved in the fossil record. Processes and patterns of evolution, evolutionary thought, taxonomic classification and the origin of life on Earth and its subsequent development are among the subjects covered. The paleobiology of invertebrate taxa, including their morphology, phylogeny and ecology are stressed in the laboratory. Lectures three hours per week; laboratory three hours per week.

*Prerequisites:* GEOL 101 or 103; GEOL 105 or HONS 155 and 156; or permission of the instructor.

#### **GEOL 352 Structural Geology (4)**

The mechanical basis of deformation, recognition, classification, interpretation and origin of structures produced by deformation in the Earth's crust. Deformation as a fundamental concept of tectonics. Lectures three hours per week; laboratory three hours per week.

*Prerequisites:* GEOL 101 or 103; GEOL 105 or HONS 155 and 156; MATH 111 or MATH 120; or permission of the instructor.

#### **GEOL 357 Oceanographic Research-the Transect Program (4)**

This course engages students in actual multidisciplinary research, focused on the southeast continental shelf. Students participate in a 5-day research cruise, then conduct independent and collaborative research in the laboratory.

Students present their research results in poster and oral form, and prepare a manuscript for publication in an online journal.

*Prerequisites:* GEOL 257 and permission of the instructor.

#### **GEOL 360 Field Studies (4)**

Three-week intensive field experience in geologic mapping and interpretation taught in the western United States using topographic base maps, aerial photography and satellite imagery. Mapping exercises emphasize the description of stratigraphic sections and geologic structures, and an interpretation of geologic history.

*Prerequisites:* GEOL 101 or 103; GEOL 105 or HONS 155 and 156; GEOL 252, 269, 272, and 352, or permission of the instructor.

*Note:* Students may substitute this course with another approved College- or university-sponsored geology field class with the permission of the instructor. Under special circumstances, a student may petition the department to substitute an equivalent field experience for GEOL 360.

#### **GEOL 385 Internship (1-4)**

A student will gain professional geologic experience with an internship at a private geologic firm or governmental agency. A faculty advisor will be appointed to award the grade received. The student will make all internship arrangements, and a written proposal is required before the start of the internship. A report will be required upon completion of the internship. One hour of credit will be awarded for each 45 hours completed with a maximum of four credits awarded.

*Prerequisites:* Junior or senior standing with at least a 2.5 GPA both overall and in the geology major. This course may not be applied as an elective course required in the major.

#### **GEOL 395 Special Topics (1-4)**

This course will be used to offer an examination of topics in geology at the advanced level in which a regular course is not offered. Course number may be repeated but for different course content.

*Prerequisites:* GEOL 101 and 101L or GEOL 103 and 103L or HONS 155 and 155L; GEOL 105 and 105L or HONS 156 and 156L.

#### **GEOL 397 Research Experience in Geology (0)**

A student works under faculty supervision to learn a research method, to explore possible research topics, or to continue an ongoing study. The faculty member helps the student to determine the course goals and objectives, and supervises the execution of the project. The student will provide a written report to the faculty at the end of the semester. Students will receive a grade of "S" (satisfactory) or "U" (unsatisfactory) for the course.

*Prerequisites:* Only declared Geology majors may take a Zero Credit Research course. Permission of the instructor and approval of the department chair.

#### **GEOL 399 Tutorial (1-3)**

Individual instruction given by a tutor in regularly scheduled meetings (usually once a week).

*Prerequisites:* Junior standing plus permission of the tutor and the department chair.

#### **GEOL 411 Tectonics (3)**

Global tectonics has revolutionized the earth sciences. This new model of planetary tectonic processes, which has been developed only in the last 20 years, provides an explanation of a wide variety of geologic processes over a wide range scale, with a degree of accuracy unsurpassed by any previous theory. Lectures three hours per week.

*Prerequisites:* GEOL 101 or 103; GEOL 105 or HONS 155 and 156; GEOL 272 and 352; or permission of the instructor.

#### **GEOL 412 Crustal Geophysics (3)**

This course introduces students to geophysical techniques and how they are used to constrain subsurface earth structure. The geophysical techniques covered include gravity and magnetism, seismic refraction and reflection and earthquake seismology. The course also features a sequenced writing assignment integrating different geophysical techniques into one crustal model.

*Prerequisites:* MATH 120; GEOL 101 or 103 or HONS 155; GEOL 105 or HONS 156; and GEOL 352; or permission of the instructor.

#### **GEOL 416 Paleogeology (4)**

Interpretation of ancient environments from the study of rocks and their contained fossil organisms. Emphasis will be placed on the recurrent paleobiotopes—paleolithotopes through geologic time and the evolution of community structure. Lectures three hours per week; laboratory three hours per week.

*Prerequisites:* GEOL 101 or 103; GEOL 105 or HONS 155 and 156; GEOL 272, 333, and 430; or permission of the instructor.

#### **GEOL 430 Sedimentary Petrology (4)**

A petrographic approach to the classification and genetic interpretation of sedimentary rocks. Terrigenous sandstones and carbonate rocks will be emphasized with lesser stress on mud rocks and noncarbonate chemical rocks. Lectures three hours per week; laboratory three hours per week.

*Prerequisites:* GEOL 101 or 103; GEOL 105 or HONS 155 and 156; GEOL 252, GEOL 269; or permission of the instructor.

#### **GEOL 434 Geology of the Carolinas (3)**

An examination of the current state of knowledge of the rocks, structures and economic minerals of North and South Carolina and immediately surrounding areas, with an emphasis on environmental concerns. Lectures three hours per week.

*Prerequisites:* GEOL 101 or 103; GEOL 105 or HONS 155 and 156; GEOL 272 and 352; or permission of the instructor.

#### **GEOL 438 Hydrogeology (4)**

An introduction to the historical development, significance and underlying theory of the controls on groundwater movement and geochemical evolution. Emphasis will be placed on analyzing the dynamics of natural flow systems in a variety of geologic terrains. This analysis will then be used to assess water supply and water quality issues for the purposes of decision making. Lectures three hours per week; laboratory three hours per week.

*Prerequisites:* GEOL 101 or 103; GEOL 105 or HONS 155 and 156; MATH 111 or 120; or permission of the instructor.

**GEOL 440 Igneous & Metamorphic Petrology (4)**

Description, classification, occurrence and geologic significance of igneous and metamorphic rocks. Emphasis is placed on the mineralogy and physical chemistry of silicate and nonsilicate systems.

Laboratory consists of the study of igneous and metamorphic rocks in thin section. Lectures three hours per week; laboratory three hours per week.

*Prerequisites:* GEOL 101 or 103; GEOL 105 or HONS 155 and 156; GEOL 252; or permission of the instructor.

**GEOL 441 Pollution in the Environment (4)**

Course focuses on theoretical and quantitative skills required to assess how natural and anthropogenic factors influence pollutant behavior in Earth's near-surface environments, including fresh water and soils. Laboratory focuses on assessing pollutants in various environmental media using appropriate environmental techniques. Lecture three hours per week; laboratory three hours per week.

*Prerequisites:* CHEM 111 and CHEM 112 or GEOL 250; or CHEM 101 and GEOL 250; or the equivalent; or permission of the instructor.

**GEOL 442 Geological Application of Remote Sensing (4)**

This course will cover the application of remote sensing to environmental problems. Topics include: remote sensing theory, data collection, reduction and application, computer software tools, data acquisition and ties to geographic information systems (GIS). This course assumes a basic understanding of remote sensing. Lectures three hours per week; laboratory three hours per week.

*Prerequisites:* GEOL 101 or 103; GEOL 105 or HONS 155 and 156. Some computer experience is helpful.

**GEOL 444 Quantitative Hydrogeology (3)**

A comprehensive survey of the underlying theory and applications of quantitative techniques for assessing groundwater movement, contaminant transport and geochemical evolution. Emphasis will be placed on applied engineering methods for evaluating aquifer properties from well hydraulics,

tracer studies and laboratory experimentation. The methods will be employed to make engineering decisions concerning the groundwater resource in client-driven hypothetical and real-world scenarios. Lectures three hours per week; laboratory three hours per week.

*Prerequisites:* MATH 220, GEOL 438, or permission of the instructor.

**GEOL 449 Geographical Information Systems (4)**

This course will cover spatial data types and quality, data input operations, database management, data analysis, software design concerns and various applications for GIS. Computer-based GIS software (PC) will be used throughout the course. Lectures three hours per week; laboratory three hours per week.

*Prerequisites:* GEOL 101 or 103; GEOL 105 or HONS 155 and 156; or permission of the instructor. Some computer experience is helpful.

**GEOL 460L NASA Space Mission Design Leadership Lab (1)**

Lab students lead local teams and work with engineering students at another university to design unmanned NASA satellite missions. Student teams interactively participate through presentations, assigned readings, on-line discussions, classroom exercises and dynamic activities, and compete for best mission with final projects being evaluated by a panel of NASA experts.

*Prerequisite:* Permission of instructors

*Co-requisite:* GEOL 260

**GEOL 469 Advanced GIS - Environmental and Hazards Modeling (4)**

Advanced GIS - Environmental and Hazards Modeling is designed to enhance the student's knowledge of and skills in the science and applications of Geographic Information systems. Topics include: Cloud GIS, Model building, Process automation, LIDAR and image processing and FEMA's HAZUS. Lectures three hours per week; laboratory three hours per week.

*Prerequisites:* GEOL 449 or EVSS 649 or permission of instructor.

**GEOL 491 Senior Thesis (3)**

This course will normally be conducted during the spring semester of the student's senior year, and consists of conducting, writing and presenting the results of the research project. The results of the student's research must be presented at a scientific forum approved by his or her research advisor.

*Prerequisite:* Permission of the instructor.

**GEOL 492 Senior Seminar (1)**

Weekly seminar to be taken during the calendar year in which a geology major is to graduate. The purpose of the course is to prepare the students for a career in geology and to present recent advancements in the field through seminars and discussions. One hour per week.

*Prerequisite:* Senior standing as a geology major.

**GEOL 499 Bachelor's Essay (6)**

A year-long research and writing project conducted during the senior year under the close supervision of a tutor from the department. The student must take the initiative in seeking a tutor to help in both the design and the supervision of the project. A project proposal must be submitted in writing and approved by the department prior to registration for the course.

## German Courses

**GRMN 101 Elementary German (3)**

Introduces the fundamental structures of German with emphasis on acquisition of the basic language skills: reading and listening comprehension and oral and written expression.

*Prerequisite:* GRMN 101 is open only to beginning students of German.

**GRMN 101C Elementary German Conversation Supplement (1)**

A one-hour weekly session for intensive listening-speaking practice in German using vocabulary and grammatical structures presented in the corresponding basic course.

*Note:* A "C" course may be taken only in conjunction with the basic sequence course in which the student is currently enrolled or in

conjunction with the corresponding intensive language course (150). Credit may not be applied to fulfill the language requirement nor may it count towards the major.

### **GRMN 102 Elementary German (3)**

Introduces the fundamental structures of German with emphasis on acquisition of the basic language skills: reading and listening comprehension and oral and written expression.

*Prerequisite:* Placement or GRMN 101.

*Note:* A student having completed GRMN 101 or 102 may not take GRMN 150 for credit.

### **GRMN 102C Elementary German Conversation Supplement (1)**

A one-hour weekly session for intensive listening/speaking practice in German using vocabulary and grammatical structures presented in the corresponding basic course.

*Note:* A "C" course may be taken only in conjunction with the basic sequence course in which the student is currently enrolled or in conjunction with the corresponding intensive language course (150). Credit may not be applied to fulfill the language requirement nor may it count towards the major.

### **GRMN 113 Language Practicum I (3)**

Intensive Maymester or summer session course designed to develop conversation skills in German through guided activities and practice.

*Note:* This elective course may not be applied to fulfill the language requirement, nor may it count toward the major.

### **GRMN 150 Intensive Elementary German (6)**

Equivalent to GRMN 101–102.

Introduces the fundamental structures of German with emphasis on acquisition of the basic language skills: reading and listening comprehension, and oral and written expression.

*Prerequisite:* This course is open only to beginning students of German.

*Note:* This course covers the materials of GRMN 101–102 in one semester sequence. Classes meet five days a week for a total of six hours of instruction. It is designed for students who seek to accelerate their studies of German. Having completed GRMN 101 and/or 102, the student may not take GRMN 150 for credit; conversely, students who complete GRMN 150 may not receive credit for 101 or 102.

### **GRMN 201 Intermediate German (3)**

Develops a basic proficiency in German and familiarity with German culture through practice in the use of the basic language skills and acquisition of vocabulary.

*Prerequisite:* Placement or GRMN 102.

*Note:* Having completed GRMN 201, the student may not take GRMN 250 for credit.

### **GRMN 201C Intermediate German Conversation Supplement (1)**

Optional one-hour weekly sessions for intensive listening and speaking practice in German, utilizing vocabulary and grammatical structures presented in a corresponding basic course.

*Note:* "C" course credit may not be applied to fulfill the language requirement nor may it count towards the major.

### **GRMN 202 Intermediate German (3)**

Develops a basic proficiency in German and familiarity with German culture through practice in the use of the basic language skills and acquisition of vocabulary.

*Prerequisite:* Placement or GRMN 201.

*Note:* Having completed GRMN 202, the student may not take GRMN 250 for credit.

### **GRMN 202C Intermediate German Conversation Supplement (1)**

Optional one-hour weekly sessions for intensive listening and speaking practice in German, utilizing vocabulary and grammatical structures presented in a corresponding basic course.

*Note:* "C" course credit may not be applied to fulfill the language requirement nor may it count towards the major.

### **GRMN 213 German Conversational Practicum (3)**

Intensive Maymester or summer session course designed to strengthen communicative skills in German and enhance awareness of German-speaking cultures. Recommended especially for the students preparing for study abroad.

*Note:* This elective course may not count toward the major or minor.

### **GRMN 250 Intensive Intermediate German (6)**

Equivalent to GRMN 201–202. Develops a basic proficiency in German and familiarity with German culture through practice in the use of the basic language skills and acquisition of vocabulary.

*Prerequisite:* GRMN 102 or 150 with a grade of C+ (2.5) or better, or placement via placement exam. Students are advised not to postpone completion of their language requirement until their senior year, since this course might not be available to them.

*Note:* This course covers the materials of GRMN 201–202 in one semester. Classes meet five days a week for a total of six hours of instruction. It is designed for students who seek to accelerate their studies of German. Having completed GRMN 201 and/or 202, the student may not take 250 for credit; conversely, students who complete GRMN 250 may not receive credit for GRMN 201 or 202.

### **GRMN 313 German Conversation (3)**

A course designed to expand oral communication skills. Emphasis is on the development of listening comprehension and oral discourse, but some essays and grammar are also included.

*Prerequisite:* GRMN 202 or 250 or placement.

*Note:* Native speakers or students who have already achieved a high level of oral proficiency (to be determined by an oral interview with the instructor) will not be given credit for this course.

### **GRMN 314 German Composition and Grammar (3)**

This course emphasizes writing on various topics: personal experience, assignments based on readings on culture and literature, etc. An extensive review of grammar is an important component of the course.

*Prerequisite:* GRMN 202 or 250 or placement.

*Note:* Native speakers or students who have already achieved a high level of oral proficiency (to be determined by an oral interview with the instructor) will not be given credit for this course.

### **GRMN 315 Advanced German Reading (3)**

This course enables students to acquire skills needed to read and/or translate German texts. Readings will concentrate on academic, literary, scientific and commercial texts, as well as up-to-date Internet journalism. Texts relating to the academic fields and interests of participants will be incorporated.

*Prerequisite:* GRMN 202, 250, placement, or permission of the instructor.

**GRMN 320 Special Assignment Abroad (3)**

An internship or other experiential learning project designed to enhance command of German in a German-speaking environment. Assignment to be undertaken and nature of its evaluation to be determined in consultation with the instructor or the director of the German program.

*Prerequisite:* GRMN 202, 250, placement, or permission of the instructor.

**GRMN 325 German Contemporary Issues (3)**

A course on political, social, cultural, and environmental issues currently confronting Germany, Austria, and Switzerland. Students will read, discuss and write essays on newspaper and magazine articles on contemporary topics. In addition, students will regularly watch and report on German news programs received via satellite television.

**GRMN 326 German Media (3)**

A course in listening comprehension and reading in the specialized area of the German media, such as television and radio programs, film documentaries, newspapers, magazines and advertising. Extensive use of the Internet will be included.

*Prerequisite:* GRMN 202, 250, placement, or permission of the instructor.

**GRMN 328 German Language Study Abroad (3)**

Designed to develop confidence in communicative skills and greater facility in dealing with ideas in German through life and study in a German-speaking country.

**GRMN 329 Current Issues in Germany or the German-Speaking World (3)**

A study of the most important current political, socio-economic and cultural issues in the country visited. Information from the communications media (newspapers, magazines, TV, etc.) will be used and discussed whenever possible.

**GRMN 330 Collateral Study (1-3)**

Individually supervised course of reading in German and in the subject area of a concurrent course offered by another department. The nature and extent of

readings will be determined in consultation among student, instructor of the primary subject-matter course, and the language instructor who will supervise and evaluate the student's linguistic performance. A collateral study course may be repeated up to a maximum of six credit hours in conjunction with other primary courses.

**GRMN 331 German for Business (3)**

An introduction to the vocabulary and syntax necessary to carry on normal business transactions with German firms. Topics for reading, lectures, written assignments and oral reports will include: the banking system, the role of government and trade unions in German business, the organization of corporations in Germany and cultural matters pertinent to business people.

**GRMN 332 German in International Business (3)**

Students will develop their understanding of doing business in a German-speaking setting. Assignments emphasize the practical application of students' language skills, such as individual and group projects focusing on real-life situations; reading and translating authentic business documents; writing business letters, faxes and memos; and using the Internet.

**GRMN 341 Advanced Grammar and Syntax (3)**

Advanced study of the structure of the German language, including practice with stylistic characteristics of the language as it is written and spoken today.

**GRMN 365 Introduction to Literature (3)**

Designed for those students who have limited awareness of literary genres and concepts, or those whose German is in the intermediate stage. Students read and discuss representative works of prose, poetry and drama, and learn the basics of German literary history.

**GRMN 390 Special Topics in German (3)**

Intensive study of a particular subject or theme (specific topics will be listed in the Schedule of Courses when offered; e.g., German Poetry, the War Experience).

*Prerequisite:* One 300-level German course, or permission of the instructor.

**GRMN 413 Advanced German Conversation (3)**

Oral communication and presentation at the advanced level, with an emphasis on improving fluency. Introduction of rhetorical strategies. Review of phonetic and syntactic principles (with practice and corrective drill).

*Prerequisite:* One 300-level German course or permission of the instructor.

*Note:* Native speakers or students who have already achieved a high level of oral proficiency (to be determined by an oral interview with the instructor) will not be given credit for this course.

**GRMN 424 German Civilization and Culture (3)**

Study of the cultural history of the German-speaking countries, including intellectual and artistic activity (art, architecture, literature and the performing arts) as well as popular culture (behavior patterns, beliefs and values, social norms).

*Prerequisite:* One 300-level German course or permission of the instructor.

**GRMN 460 German Literary Heritage (3)**

A course focused on acknowledged masterpieces of German literature prior to the 20th century. Students will read and discuss selected literary works and explore their relevance to modern German society. May be repeated under a different topic.

*Prerequisite:* Two 300-level German courses or permission of the instructor.

**GRMN 468 Studies in Modern German Literature (3)**

Study of predominant themes in modern German literature across a variety of literary genres and historical periods. Rotating themes. Topics may include the war experience, women's literature and minority literature. May be repeated under a different topic.

*Prerequisite:* One 300-level German course or permission of the instructor.

**GRMN 472 Studies in German Cinema (3)**

Study of selected classic and cult films of German cinema from its origins to the present. Students will learn about the dominant periods (Expressionism, New German Cinema), national cinema (Nazi

film, East German film) and historical contexts for the films shown.

*Prerequisite:* One 300-level German course or permission of the instructor.

### **GRMN 490 Special Topics in German (3)**

Intensive studies designed to supplement or to investigate more fully the offerings in the German curriculum. Formulation of the specific subject matter for the course will reflect both student and faculty interest.

### **GRMN 496 Directed Reading (1-3)**

Individually supervised reading in German, agreed upon in consultation with the instructor. Credit hours assigned will be determined by nature and extent of reading.

*Prerequisite:* Permission of the instructor.

### **GRMN 498 Independent Study (1-3)**

Research on a topic to be defined by the individual in consultation with the instructor who will guide the work and determine the credit hours to be assigned.

*Prerequisite:* Permission of the instructor.

### **LTGR 150 German Literature in (English) Translation (3)**

Study of selected works from a number of literary genres that offer different perspectives on the world and humankind.

### **LTGR 250 German Literature in (English) Translation (3)**

Study of selected works by a German author or study of a particular aspect of German literature or a literary period such as: The War Experience, Medieval Epics, Masterpieces of German Literature or The German Fairy Tale. May be repeated under a different topic.

*Note: Taught in English. May be taken for credit toward the general education requirement in humanities and for the German studies minor. Does not count toward the German major or minor. May be repeated under a different topic.*

### **LTGR 270 Studies in German Film (3)**

An introductory course on German cinema with rotating topics such as Postwar German Cinema and Film Noir.

*Note: Taught in English. May be taken for credit toward the general education*

*requirement in humanities, for the Film studies minor and for the German studies minor. Does not count toward the German major or German minor. May be repeated under a different topic.*

### **LTGR 450 German Literature in (English) Translation (3)**

A study of selected works by major authors representing different cultures with emphasis on common themes as viewed from the perspectives of these writers.

## **Greek (Ancient) Courses**

### **GREK 101 Elementary Ancient Greek (3)**

Introduction to the fundamental grammar, syntax, and vocabulary of Ancient Greek with emphasis on reading comprehension.

### **GREK 102 Elementary Ancient Greek (3)**

Continues the introduction to the fundamental grammar, syntax, and vocabulary of Ancient Greek with emphasis on reading comprehension.

*Prerequisite:* GREK 101

*Note: GREK 102 is a prerequisite for all 200-level Greek courses.*

### **GREK 201 Intermediate Ancient Greek (3)**

Completes the introduction to Ancient Greek grammar, syntax, and vocabulary while developing fluency in reading comprehension and translation.

*Prerequisites:* GREK 101 and 102.

### **GREK 202 Attic Greek (3)**

Selected readings from Attic prose or verse.

*Prerequisite:* GREK 201.

### **GREK 203 New Testament Greek (3)**

Selected readings from the New Testament.

### **GREK 206 Old Testament Greek (3)**

Selected readings from the Septuagint version of the Old Testament.

### **GREK 290 Special Topics (3)**

### **GREK 321 Greek Oratory (3)**

Selected reading from major works of Greek oratory by Demosthenes, Lysias, and/or other authors.

*Prerequisites:* Two 200-level Greek courses.

### **GREK 322 Homer (3)**

An exploration of Homer's epic poems with readings selected from the Iliad and/or Odyssey.

*Prerequisites:* Two 200-level Greek courses.

### **GREK 323 Greek Historiography (3)**

The style and content of Greek historical literature will be studied through readings from one or more of the major historians.

*Prerequisites:* Two 200-level Greek courses.

### **GREK 324 Greek Comedy (3)**

A study of Greek comedic drama with representative readings from the works of Aristophanes and/or Menander.

*Prerequisites:* Two 200-level Greek courses.

### **GREK 325 Greek Tragedy (3)**

A study of Greek tragic drama with representative readings from the works of Aeschylus, Sophocles and/ or Euripides.

*Prerequisites:* Two 200-level Greek courses.

### **GREK 326 Plato (3)**

Selected readings from one or more of Plato's works.

*Prerequisites:* Two 200-level Greek courses.

### **GREK 371 Readings in Greek Literature: Poetry (3)**

Selected readings from one or more of the genres of Greek poetic literature.

*Prerequisites:* Two 200-level Greek courses.

### **GREK 372 Readings in Greek Literature: Prose (3)**

Selected readings from one or more of the genres of Greek prose literature.

*Prerequisites:* Two 200-level Greek courses.

### **GREK 390 Special Topics (3)**

**GREK 490 Seminar: Special Topics in Ancient Greek (3)**

Intensive studies designed to supplement or to investigate more fully the offerings in the Greek curriculum. Formulation of the specific subject matter for the course will reflect both student and faculty interest.

*Prerequisite:* Permission of the instructor.

**GREK 496 Directed Reading (1-3)**

Individually supervised readings in ancient Greek, agreed upon in consultation with the instructor. Credit hours assigned will be determined by the nature and extent of the reading.

*Prerequisite:* Permission of the instructor.

**GREK 498 Independent Study (1-3)**

Research on a topic to be defined by the individual student in consultation with the instructor who will direct the project and determine the credit hours to be assigned.

*Prerequisite:* Permission of the instructor.

## Health Courses

**HEAL 215 Introduction to Public Health (3)**

This course is designed to introduce the basic tenets, applications, and foci of public health, including integrating public health with other health professions. It will provide a history of public health, an overview of the core disciplines, current events and issues in the field.

*NOTE: This course is cross-listed with PBHL 215. If a student has received credit for PBHL 215, the student may not receive credit for HEAL 215.*

**HEAL 216 Personal & Community Health (3)**

An overview of the factors that affect one's ability to achieve and obtain optimal health. Emphasis will be on decision making and personal responsibility.

**HEAL 217 Human Sexuality (3)**

The format focuses on providing information necessary for establishing a

sound knowledge base on topics including sexual anatomy and physiology, birth control, basic psychological concepts of sexuality, sexually transmitted infections, family planning and parenting. The information is presented in relation to the decision-making process as applied to understanding one's own and others' sexuality.

**HEAL 225 Consumer Health Education (3)**

An examination of the factors involved in the selection and evaluation of health services and products. Topics will also include quackery, consumer protection laws and organizations, and health insurance considerations.

**HEAL 230 Global Health (3)**

This course provides an overview of the determinants that impact health outcomes around the globe. Special attention will be given to continents economically disadvantaged and currently suffering from major pandemics such as HIV/AIDS, TB and Malaria, and from other emerging and re-emerging diseases.

*NOTE: This course is cross-listed with PBHL 230. If a student has received credit for PBHL 230, the student may not receive credit for HEAL 230.*

**HEAL 240 Worksite Wellness (3)**

The students will learn how to facilitate implementation and evaluation of wellness programs for individuals and worksite locations. An examination of the physical and psychological factors that affect health throughout the life cycle will be made.

**HEAL 257 Principles of Nutrition (3)**

A study of nutrients and current dietary guidelines. The course will include a personal dietary and activities analysis and focus on the relationship of food choices to lifestyle diseases and/or premature death. Emphasis will be on health-oriented decision making and personal responsibility.

**HEAL 317 Sexual Behavior and Relationships (3)**

A study of contemporary issues in the field of human sexuality, such as sexual motivation, sexual orientation, sex roles, sexual dysfunction and therapy, the nature of sexual attraction, theories of love, critical factors in the maintenance

of intimate relationships and alternative lifestyles.

*Prerequisite:* HEAL 217 or permission of the instructor.

**HEAL 320 Special Topics in Health Education (3, Repeatable up to 12)**

Studies in topics of current interest designed to supplement offerings in the department or to investigate an additional specific area of health education. May be repeated for credit with different research topics.

**HEAL 323 Women's Health Issues (3)**

The course deals with a wide variety of health issues of concern to women. Major categories of topics include utilization of the health care system, issues of concern to women of diverse backgrounds, normal physiological health and well-being, common physiological and psychological health problems, and cultural as well as societal influences on women's health.

**HEAL 325 Health Promotion (3)**

The educational, organizational, economical, and environmental supports for behaviors conducive to health will be examined in the public and private sector. Health promotion will include the assessment, prescription, implementation, and evaluation of programs.

*Prerequisites:* HEAL 216 and junior status (60 hours plus).

**HEAL 325L Field Experience in Health Promotion (1)**

Students will be placed within a variety of public health/health promotion settings, including worksite, profit, and non-profit agencies. The theoretical, educational, organizational, economical and environmental supports for behaviors conducive to health in these public and private settings will be examined.

*Prerequisites:* HEAL 215, 257, 395. Junior status or permission of the instructor.

*Co-requisite:* HEAL 325

**HEAL 333 Sports and Exercise Nutrition (3)**

This course addresses the main aspects of nutrition as related to exercise and physical performance. Emphasis will be placed on the energy systems in exercise, components of nutrients, assessment of



nutritional needs and diet modification for physically active individuals.

*Prerequisite:* BIOL 201 or permission of the instructor.

### **HEAL 347 Emergency Preparedness and First Aid (4)**

First aid procedures for illness and injury, as well as preparations for emergency situations. Lectures three hours per week; lab three hours per week.

*Prerequisite:* Junior status (60 hours plus).

### **HEAL 350 Epidemiology (3)**

This course introduces the basic concepts of epidemiology and biostatistics as applied to public health problems. Emphasis is placed on the principles and methods of epidemiologic investigation, appropriate summaries and displays of data, and the use of classical statistical approaches to describe the health of populations.

*Prerequisite:* HEAL 215

*NOTE: This course is cross-listed with PBHL 350. If a student has received credit for PBHL 350, the student may not receive credit for HEAL 350.*

### **HEAL 395 Biostatistics in Health Sciences (3)**

Basic theory of probability and statistics with practical applications using biological data. Subject matter includes fundamentals of probability, distribution theory, sampling models, data analysis, basics of experimental design, statistical inference, interval estimation and hypothesis testing.

*Prerequisites:* MATH 104 and HEAL 215

### **HEAL 399 Tutorial (3, Repeatable up to 12)**

Individual instruction given by a tutor in regularly scheduled meetings (usually once a week).

*Prerequisites:* Junior status, plus permission of the tutor and the department chair.

### **HEAL 401 Independent Study in Health Education (1-3, Repeatable up to 9)**

Designed to give the candidate individually structured study and experience in fitness, health promotion, public health, employee wellness or other health areas approved by the department.

*Prerequisite:* Permission of department and instructor.

### **HEAL 403 Health Internship and Practicum (6)**

Candidates are placed in cooperating local agencies in areas of interest (public health, employee wellness, school health, fitness center, etc.). The field experience is a laboratory class that requires participation in the daily activities of an assigned agency and in on-campus seminars.

*Prerequisites:* A senior physical education major with a minimum GPA of 2.5 overall. In addition, an application must be submitted to the health coordinator at least one year before the semester in which the internship would be taken. The applicant must be approved by the HEHP department. A candidate may not take both PEHD 403 and HEAL 403. (Participation in the field experience requires satisfactory completion of 12 semester hours at or above the 300 level in health and/or physical education-related courses. First Aid and CPR certification, TB test, and Blood Borne Pathogens Management Training may be required depending on the internship site selected.) Students are responsible for their own transportation to offcampus internship sites.

### **HEAL 460 Public Health Administration (3)**

This course examines public health as an organized system, pulling together the different areas of study, fields of work and government agencies that facilitate the delivery of public health services on a daily basis. Essential public health principles are discussed in the context of identifying and controlling community health problems.

*Prerequisites:* HEAL 325/325L or Permission of the Instructor

### **HEAL 495 Capstone Seminar (1)**

This seminar will use case studies and research articles to apply the competencies and sub-competencies associated with the entry-level CHES certification exam. Students will meet once a week for one hour.

*Pre-or co-requisites:* HEAL 395 and HEAL 460.

### **HEAL 499 Bachelor's Essay (3)**

A year-long research and writing project done during the senior year under the close supervision of a mentor from the department. The candidate must take the initiative in seeking a mentor to help in both the design and the supervision of the project. A project proposal must be submitted in writing and approved by the chair prior to registration for the course.

*Prerequisites:* Senior status, approval of department chair and faculty mentor

## **Hebrew Courses**

### **HBRW 101 Elementary Modern Hebrew (4)**

Introduces the fundamental structures of Hebrew with emphasis on acquisition of basic language skills: reading and listening comprehension, and oral and written expression.

*Prerequisite:* HBRW 101 is open only to beginning students of Hebrew.

### **HBRW 102 Elementary Modern Hebrew (4)**

Introduces the fundamental structures of Hebrew with emphasis on acquisition of basic language skills: reading and listening comprehension, and oral and written expression.

*Prerequisite:* Placement or HBRW 101.

### **HBRW 201 Intermediate Modern Hebrew (4)**

Develops a basic proficiency in Hebrew through practice in the use of basic language skills and acquisition of vocabulary.

*Prerequisite:* Placement or HBRW 102.

### **HBRW 202 Intermediate Modern Hebrew (4)**

Develops a basic proficiency in Hebrew through practice in the use of basic language skills and acquisition of vocabulary.

*Prerequisite:* Placement or HBRW 102.

### **HBRW 290 Special Topics: Advanced Hebrew (3)**

### **HBRW 313 Hebrew Conversation and Composition (3)**

Develops an advanced proficiency in modern Hebrew through conversation

and composition. Texts will be drawn from contemporary Israeli newspapers, literature, and film.

*Prerequisite:* HBRW 202, or proficiency as demonstrated through placement exam.

### **HBRW 314 Hebrew Conversation and Composition (3)**

Develops an advanced proficiency in modern Hebrew through conversation and composition. Texts will be drawn from contemporary Israeli newspapers, literature, and film.

*Prerequisite:* HBRW 313, or proficiency as demonstrated through placement exam.

### **HBRW 330 Collateral Study (1-3)**

Individually supervised course of reading in Hebrew and in the subject area of a concurrent course offered by another department. The nature and extent of readings will be determined in consultation among student, instructor of the primary subject-matter course, and the language instructor who will supervise and evaluate the student's linguistic performance. A collateral study course may be repeated up to maximum of six credit hours in conjunction with other primary courses.

### **LTHB 250 Hebrew Literature in (English) Translation (3)**

Study of selected works, representing major literary periods and genres, which illuminate another language and culture or era of a shared human condition.

## **Hindi Courses**

### **HNDI 101 Elementary Hindi I (4)**

Introduces the fundamental structures of Hindi with emphasis on acquisition of basic language skills: reading/listening comprehension and oral/written expression.

### **HNDI 102 Elementary Hindi II (4)**

Continuation of HNDI 101. Introduces the fundamental structures of Hindi with emphasis on acquisition of basic language skills: reading/listening comprehension and oral/written expression.

*Prerequisite:* HNDI 101 or placement.

### **HNDI 201 Intermediate Hindi I (4)**

Develops a basic proficiency in Hindi and familiarity with Indian culture through practice in the use of the basic language skills, acquisition of vocabulary, and familiarity with script.

*Prerequisite:* HNDI 102 or permission of instructor.

### **HNDI 202 Intermediate Hindi II (4)**

Develops a basic proficiency in Hindi and familiarity with Indian culture through practice in the use of the basic language skills and acquisition of vocabulary.

*Prerequisite:* HNDI 201 or permission of instructor.

## **Hispanic Studies Courses**

### **HISP 498 Independent Study (1-3)**

Research on a problem related to Hispanic culture – topic to be defined by the individual student in consultation with the instructor in the department who will guide the work and determine the number of credit hours to be assigned. Does not count toward the major or minor in Spanish. A project proposal must be submitted and approved by the department prior to registration.

*Prerequisite:* Permission of the instructor and departmental approval prior to registration.

### **HISP 499 Bachelor's Essay (6)**

A year-long research and writing project done in English during the senior year under the close supervision of a tutor. A project proposal must be submitted and approved. Does not count toward the major or minor in Spanish. A proposal must be submitted and approved by the department prior to registration.

*Prerequisite:* Permission of the instructor and departmental approval prior to registration.

## **Historic Preservation and Community Planning Courses**

### **HPCP 199 Introduction to Historic Preservation (3)**

An introduction to the history and contemporary practice of historic preservation in the U.S. The course includes a survey of the content and context of the heritage to be preserved and examines current preservation practice in preserving buildings, landscapes and material culture. Issues related to archeology, architectural history, social history and community planning will be covered.

### **HPCP 215 Researching Historic Properties (3)**

This course is designed to introduce research materials and skills applicable in the historic preservation field. Students will learn about the process of documenting properties, understanding their historical context, discussing their significance, and utilizing preservation terminology.

*Prerequisite:* HPCP 199

### **HPCP 250 Architectural Drawing And Drafting I (3)**

This course will introduce the student to the basic skills necessary to communicate using two and three-dimensional drafting and freehand drawing. Subjects covered include methods and methodology of proportion, orthographic construction, linear sketching, life drawing, and perspective.

### **HPCP 251 Architectural Drawing And Drafting II (3)**

This course will allow the student to develop advanced disciplines in two and three dimensional drafting and freehand drawing with focus on new mediums and techniques. These skills are useful to express design concepts to clients or colleagues in the building community. Subjects covered include advanced

perspective, shade and shadow, and presentation techniques.

*Prerequisite:* HPCP 250

### **HPCP 275 History of Land Design (3)**

This course deals with the history of landscape architecture, including urban spaces such as city parks, urban plazas and both formal and vernacular non-urban landscapes. The course will explore the designs and wider meanings of both Western and non-Western landscapes through human history. This course is cross-listed with ARTH 275.

### **HPCP 280 Conservation of Historic Materials (3)**

Conservation of Historic Materials focuses on the properties and performance of traditional and historic building materials. Through lectures, site visits and hands on opportunities in the lab and field, a basic knowledge will be provided that will allow students to better understand the mechanics of deterioration and choices for treatments.

*Prerequisite:* HPCP 199

### **HPCP 290 Special Topics in Historic Preservation (3)**

Special topics in historic preservation and community planning includes travel abroad courses. May be repeated for credit with differing topics.

*Prerequisite:* HPCP 199.

### **HPCP 298 Autocad and Photoshop for Preservationists**

This course is an introduction to the use of these commonly used digital media for preservation applications. The class will also work on a team based research project specifically geared to demonstrate the capabilities of these tools. No prior experience is required.

### **HPCP 299 Preservation Planning Studio (3)**

This course will include case studies and a concentrated study of a local project area. "Tools" to promote revitalization and historic preservation will be discussed. Students will work both individually and in groups and will formulate recommendations for the study area. Charleston area political and preservation organizations will be consulted and research resources in the Charleston community will be utilized.

*Prerequisite:* HPCP 199 or permission of the instructor.

### **HPCP 305 Building Pathology (3)**

This course examines the deterioration and failure of buildings and their component systems. To understand system and component failures it is necessary to know the materials and methods used in the construction of historic buildings. The course will introduce these materials and methods to the student.

*Prerequisite:* HPCP 199; HPCP 299 is recommended.

### **HPCP 315 Urban Design Studio (3)**

This studio course will focus on a particular local site as a case study in urban design. Physical, economic, sociological and architectural aspects of the area will be analyzed and proposals for future development will be formulated. This course will include field research, drawing, and basic model building and will include instruction in the areas of design and graphics.

*Prerequisite:* URST 310 or permission of the instructor.

### **HPCP 319 Architectural Studio Design (3)**

This will be an introductory studio course in architectural design. The semester will culminate in the design of a house in a historic context. Students will study basics of architectural drawing and representation and will study design fundamentals including spatial sequences, proportions, color theory, structural concepts and architectural precedents and theories. The instructor is an architect.

### **HPCP 339 History of American Interiors (3)**

A survey of architectural elements and furnishings within American domestic interiors, 1607–1950. Lectures focus on specific periods including historical overviews, analysis of characteristic features of houses' composition, plans and interior elements (doors, windows, walls, woodwork, floors, ceilings, staircases and fireplaces) and the stylistic evolution of furniture relating to the periods. This course is cross-listed with ARTH 339.

*Prerequisite:* HPCP 199.

### **HPCP 340 Special Topics in Historic Preservation (3)**

Studies of specialized topics in historic preservation or community planning. Can include travel courses. May be repeated for credit with differing topics.

*Prerequisites:* HPCP 199 and HPCP 299.

### **HPCP 375 Landscape Preservation and Design (3)**

This course is a studio effort to understand and work with the defining elements of important, specific historic and cultural landscapes. It uses a generalist's approach and weaves a consideration of natural systems with human impacts to tell the story of the place and our culture.

### **HPCP 410 Internship (1-6)**

Internships are intended to provide the opportunity for the student to apply knowledge and skills learned during a normal course of study to actual situations encountered in work with area arts or preservation organizations. Interested students should contact the internship director for specific placement opportunities and application information.

### **HPCP 415 Senior Seminar (3)**

Capstone course for historic preservation and community planning majors. Seminar topics will be announced.

*Prerequisite:* Senior standing or permission of the instructor.

### **HPCP 418 Historic Preservation Law (1)**

This course provides an introduction to Historic Preservation Law. The emphasis will be on the laws and regulations commonly used by consultants and practitioners. Some Case Law will be covered but not to the same extent provided in a course for training preservation attorneys.

*NOTE: This class will only meet for half a semester.*

### **HPCP 419 Historic Preservation Economics (1)**

This course provides an introduction to Historic Preservation Economics. The emphasis will be on the aspects of economics commonly used by consultants and practitioners, including topics on heritage tourism, urban

economic redevelopment and historic property valuation.

*NOTE: This class will only meet for half a semester.*

### **HPCP 420 Preservation Law and Economics (3)**

Introduction to the legal framework of historic preservation, including constitutional law, cultural resources statutes and relevant local laws and mechanisms. Overviews pertinent to economic policies, including tax incentives. Material is targeted toward advocacy, to include property rights and fiscal impact issues. Students will pursue a research/practical project of their choosing.

*Prerequisites:* HPCP 199 and permission of the instructor.

### **HPCP 490 Independent Study Historic Preservation (3)**

A qualified student who has taken appropriate preparatory courses in the major determines a project to research and write about in consultation with and under the supervision of a departmental member qualified to guide the work. The student will be expected to produce a thorough research paper and to make a public presentation at the end of the semester enrolled.

*Prerequisites:* Student must be a junior or senior historic preservation and community planning major with an overall GPA of at least 3.00 and a major GPA of at least 3.3.

## **History Courses**

### **HIST 101 The Rise of European Civilization (3)**

A survey of the major developments in European history from antiquity to 1715. The course will examine ideas and events that contributed to the rise of Europe and the political, economic and social institutions which developed in medieval and early modern Europe. Topics will include the Ancient World, the Middle Ages, the Renaissance, the Reformation, the emergence of national monarchies and the Scientific Revolution. HIST 101 is a general education requirement. Neither credit hours nor grades earned in this course count toward the major in

history or the GPA in that major. This course must be taken before HIST 102.

### **HIST 102 Modern Europe (3)**

A survey of European civilization from 1715 to the present. The course will examine the individuals, institutions, and ideas that contributed to the development of modern Europe and to the global spread of western culture. Topics will include the Enlightenment, the French Revolution, the Industrial Revolution, modern ideological movements, the causes and consequences of the world wars and contemporary developments. HIST 102 is a general education requirement. Neither credit hours nor grades earned in this course count toward the major in history or the GPA in that major.

*Prerequisite:* HIST 101 or HONS 120.

### **HIST 103 World History to 1500 (3)**

An introduction to civilizations and cultures in the Middle East, Africa, Asia, Europe and the Americas and the interactions among them, dealing with themes such as political, economic, social, and intellectual systems, religion, science and technology and increasing global interactions.

*Note: This course must be taken before HIST 104.*

### **HIST 104 World History since 1500 (3)**

An introduction to civilizations and cultures in the Middle East, Africa, Asia, Europe and the Americas and the interactions among them, dealing with themes such as political, economic, social, and intellectual systems, religion, science and technology and increasing global interactions.

*Prerequisite:* HIST 103.

### **HIST 115 Pre-modern History (3)**

This course will impart a knowledge of the history of selected human civilizations, societies, and cultures. It will convey an awareness of the historical experience through the study of political, social, cultural, and intellectual aspects. It will cover substantial historical developments and periods during the pre-modern period using a thematic approach.

### **HIST 116 Modern History (3)**

This course will impart a knowledge of the history of selected human civilizations, societies, and cultures. It will convey an awareness of the historical experience through the study of political, social, cultural, and intellectual aspects. It will cover substantial historical developments and periods during the modern period using a thematic approach.

### **HIST 201 United States to 1865 (3)**

A general and thematic study of the culture, society and politics of the United States from colonial origins through the Civil War.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement.

### **HIST 202 United States since 1865 (3)**

A general and thematic study of the culture, society and politics of the United States from the Civil War to the present.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement.

### **HIST 210 Special Topics in U.S. History (3)**

Introductory examination of a specialized field in the history of the United States. Specific topic will be listed with the course title when offered.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement.

### **HIST 211 American Urban History (3)**

A survey of urban development from colonial times to the present. This course examines urbanization as a city-building process and its impact on American social, political and economic life.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement.

### **HIST 212 American Labor History (3)**

The course will offer a survey of the history of American working people from colonial times to the present, with emphasis on workers' responses to

industrialization and urbanization and the development of the modern labor movement.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement.

### **HIST 213 American Jewish History: Colonial Times to the Present (3)**

A study of the major events and personalities in American Jewish history since colonial settlement; the wave of Jewish immigration and development of the contemporary Jewish community.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement.

### **HIST 214 American Ethnic History: 1607 to the Present (3)**

American ethnic adjustments and immigration patterns from colonial times to the present. Treated are diverse peoples, the frontier, urbanization, antiethnic responses and post-1945 trends of ethnic militancy and societal accommodation.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement.

### **HIST 215 Native American History (3)**

A chronological survey in Native American History north of Mexico to the 21st century. This course examines the Native American contribution to the history of the continent and exposes students to the ethnohistoric method, an approach designed to study the history of people who have left no written record.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement.

### **HIST 216 African American History to 1865 (3)**

Beginning with the African background, this course surveys the experience of African Americans from the colonial era through the Civil War. Particular attention will be devoted to the Atlantic slave trade, the North American slave experience, free blacks, abolitionism and the social and political implications of the Civil War as these affected black people.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement.

### **HIST 217 African American History since 1865 (3)**

This course examines the historical experience of African Americans beginning with the period following the Civil War and continuing until the present time. Among the topics covered are: Reconstruction, blacks in the New South, African American leadership, the impact of the world wars, the consequences of the Great Depression and New Deal and the rise of civil rights activism.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement.

### **HIST 218 The American West (3)**

The course surveys the History of the American West to the present and examines key historiographical topics in the field including economics developments, urbanization, conservation, and race relations.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement.

### **HIST 219 Native Americans in Film (3)**

This course will cast a critical look at movie classics dealing with Native Americans. Through reading primary and secondary sources, students will assess the historical accuracy of popular movies such as *The Last of the Mohicans*. They will also develop an understanding of History as a discipline.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement.

### **HIST 221 Women in the United States (3)**

An examination of the ways in which gender intersects with race, class, ethnicity and region in explaining political, economic, social and cultural developments in the United States. Topics include Native American and African American women, frontier and immigrant women, education, the

suffrage campaign, the feminine mystique and the Civil Rights Movement.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement.

### **HIST 222 History of South Carolina (3)**

South Carolina from the colonial period to the present. Topics discussed include plantation slavery, Southern nationalism, pro-slavery ideology, the nullification crisis, the secessionist movement and the Civil War, the disintegration of slavery and the transition to a free labor economy, regional diversification and the slow process of modernization that continued throughout the 20th century.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement.

### **HIST 224 History of South to 1865 (3)**

A study of the origins of plantation slavery, the emergence of mature plantation society with a distinctive ideology and culture, the causes of the Civil War and the early stages of emancipation.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement.

### **HIST 225 History of South since 1865 (3)**

A study of the transition from slave to free-labor society, the emergence of sharecropping, agrarian movements, the rise of segregation, the collapse of the plantation system and the modernization of Southern society since 1940.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement.

### **HIST 230 Ancient Egypt and Mesopotamia (3)**

A study of the ancient peoples and cultures of the Near East with emphasis on the Egyptians, Sumerians and Babylonians.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement.

**HIST 231 Ancient Greece (3)**

Greek civilization from its beginnings to Alexander the Great. Emphasis on political, economic, social and intellectual movements.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement.

**HIST 232 Ancient Rome (3)**

Roman history from its beginning until the Age of Constantine. Emphasis on political and social developments in the Republic and the early empire.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement.

**HIST 234 Early Middle Ages (3)**

An examination of the way of life and thought in the formation of Western society from A.D. 300 to A.D. 1100. Topics will include the fall of Rome, the rise of Christianity, the Barbarian invasions, Charlemagne, the Vikings and the Investiture Controversy.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement.

**HIST 235 High Middle Ages (3)**

An examination of the culture and society of Western Europe in town and countryside during the flowering of the Middle Ages. Topics will include the Crusades, the rise of towns, feudal monarchy, monasteries and cathedrals, the rise of universities and the changing role of laity, women and heretics.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement.

**HIST 241 Special Topics in Modern European History (3)**

Introductory examination of major themes in European history since 1500. Specific topic will be listed with the course title when offered.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement.

**HIST 242 History of Modern France (3)**

French Revolution and Napoleon; autocracy, constitutionalism, and revolution, development of the French Empire, establishment of the Third Republic, World War I and World War II, Fourth Republic, DeGaulle and the Fifth Republic.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement.

**HIST 244 History of Germany 1866 to Present (3)**

Political and social development of Germany from the eve of unification to the present. Topics include the wars of unification, the rise of Social Democracy, the Bismarkian State, Wilhelmine Society, the Weimar, the Third Reich, the FRG and GDR and the second unification.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement.

**HIST 247 Empire, Nation, Class in Eastern Europe (3)**

A survey of the history of Eastern Europe from late 18th century to the present. The course examines the evolution of national identities, political and social movements, and cultural trends as the region progressed from imperial (Habsburg, Romanov and Ottoman) dominion to independent statehood.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement.

**HIST 250 Special Topics in Comparative/Transnational History (3)**

Intensive examination of a specific topic. Topic will be listed with the course title when offered.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement.

**HIST 252 Women in Europe (3)**

An examination of the ideas, institutions, and events in Western civilization that specifically affected women. Lectures and readings will be organized topically rather than geographically or

chronologically. Areas to be examined include religion, education, sex and marriage, the family, work and the feminist and suffragist movements.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement.

**HIST 256 History of Science and Technology (3)**

An introduction to the major scientific and technological developments in Western civilization from the ancient world to the present with an emphasis on the development of the scientific method, the Scientific Revolution, the Industrial Revolution and mechanization, and the historical interplay between science, technology, society and thought.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement.

**HIST 261 Special Topics: Modern Asia, Africa, or Latin America (3)**

Introductory examination of historical development in Asia, Africa or Latin America since 1500. Specific topic will be listed with the course title when offered.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement.

**HIST 262 Colonial Latin America (3)**

A survey of Spanish and Portuguese colonial America to 1825. Topics include native populations on the eve of conquest, exploration and conquest by Europeans, the development of multiracial societies, the colonial economies, the institutions of Ibero-American empires, the social, economic and intellectual roots of revolution and independence movements.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement.

**HIST 263 Latin America since Independence (3)**

A survey of Spanish and Portuguese America since the wars for independence. Topics include the aftermath of the independence movements, incorporation

into the international economy, changing social organization, race relations, the search for political stability, the role of the military, 20th-century revolutionary movements, intellectual and cultural trends and the debt crisis.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement.

### **HIST 270 Special Topics in Pre-Modern History (3)**

Introductory examination of major themes in history prior to 1500. Specific topic will be listed with the course title when offered.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement.

### **HIST 272 Pre-Colonial Africa (3)**

An introduction to the pre-colonial history of sub-Saharan Africa. Special attention will be placed on the growth of Islam in West Africa, the East African city-states and kingdoms and the upheaval in 19th century southern Africa. African slavery and the slave trade also will be considered.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement.

### **HIST 273 Modern Africa (3)**

A history of the development of Africa during the modern period, including European penetration, the colonial era, African resistance and independence and contemporary issues.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement.

### **HIST 276 Islamic Civilization (3)**

The prophet Muhammad and the rise of Islam, its institutions, doctrines, politics, and cultural achievements. Decline of the Arab Muslim Empire and Caliphate, the Mongol invasions and development of separate Mamluk, Persian and Turkish states.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that

satisfies the general education history requirement.

### **HIST 277 Modern Middle East (3)**

Tradition, modernization, and change in the contemporary Islamic world. The impact of nationalism, secularism, and Westernization in the Middle East, from the disintegration of the Ottoman Empire and emergence of successor states, to the Arab-Israeli conflict, the oil crisis and Great Power confrontation.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement.

### **HIST 282 History of China to 1800 (3)**

A general survey of political, economic, social and intellectual developments in China from the earliest times to 1800.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement.

### **HIST 283 History of Modern China (3)**

A study of Chinese history from 1800 to the present, emphasizing the transformation of the Confucian empire into a modern national state. Topics include imperialism, nationalism, revolution, communism and the Four Modernizations.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement.

### **HIST 286 History of Japan to 1800 (3)**

A survey of political, economic, and cultural developments in Japan from the earliest times to 1800, with emphasis on the borrowing and adaptation of Chinese culture and the development of a unique Japanese civilization.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement.

### **HIST 287 History of Modern Japan (3)**

A study of modern Japanese history from 1800 to the present. Topics include the creation of the modern state, Westernization, liberalism, Taisho democracy, militarism, imperialist wars and expansion and postwar transformation.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement.

### **HIST 291 Disease, Medicine, and History (3)**

An examination of the historical background of medical and health-related issues in their social, cultural and political context. The geographical and chronological focus is Western Europe and the United States from the 18th century to the present.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement.

### **HIST 299 The Historian's Craft (3)**

This is a topics-based course in which students deal with different types of historical materials and techniques to develop skills in research, writing, critical thinking, and oral presentation, focused on the discipline of history. Topics will vary and will be selected by the professor.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement.

### **HIST 301 Colonial America, 1585-1763 (3)**

The European background, the founding of the colonies, the growth of economic, social, and political institutions, the roots of American intellectual development and the colonies within the British imperial system.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement.

### **HIST 302 Era of the American Revolution, 1763-1800 (3)**

Imperial policy redefined, the ideas and grievances that led to American independence, the problems of the Confederation, the formation of the federal union and the emergence of political parties.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement.

**HIST 304 History of the United States: Civil War and Reconstruction, 1845-1877 (3)**

The growth of sectional antagonisms, the causes of the war, the politicians and military leadership during the war and the Reconstruction period.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement.

**HIST 307 History of the United States: Cold War America, 1945 - Present (3)**

The Cold War, McCarthyism, growth of presidential power from Truman to Nixon, social tensions: from civil rights to Black Power, from feminine mystique to women's liberation, the Indochina War, the New Left, the counter-culture, and the New Nixon, Watergate, Ford, Carter, the Reagan/Bush era and the recent past.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement.

**HIST 310 Special Topics in U.S. History (3)**

Intensive examination of a specific topic in the history of the United States. Specific topic will be listed with the course title when offered.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement.

**HIST 312 Diplomatic History of the United States since 1898 (3)**

The emergence of America as a world power, the persistence of isolationist sentiment, the diplomacy of the world wars and the commitment to the Atlantic Community and the other forms of collective security.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement.

**HIST 320 Special Topics in Lowcountry History (3)**

Intensive examination of a specific topic in the history of the Lowcountry (the tidewater and the adjacent islands between Winyah Bay and Florida). The course will consider the European,

African and Caribbean components of Lowcountry culture. Specific topic will be listed with the course title when offered.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement.

**HIST 323 Society and Culture of Early Charleston (3)**

Topics in American social history studied through a focus on society and culture in 18th- and early 19th-century Charleston. Topics include immigrant groups, demography, mortality, economic and social structure, urban and plantation life, slavery, the role of women, education, religion, fine arts, architecture and decorative arts.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement.

**HIST 336 Italian Renaissance (3)**

An examination of the cultural, social, and political developments of the Renaissance in Italy and its impact on the rest of Europe. Topics will include the Italian city-states, despots and republics, humanism from Petrarch to Machiavelli, Papal Rome and Renaissance art and architecture.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement.

**HIST 337 Age of Reformation (3)**

An examination of Western Europe in the time of the Reformation. Topics will include the background of medieval thought and piety, Northern Humanism, the major Protestant and Catholic Reform movements and the social impact of the Reformation.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement.

**HIST 341 Age of Enlightenment and Revolution (3)**

The major social, political and cultural changes in Europe from the death of Louis XIV to the fall of Napoleon. Special emphasis on the intellectual history of the Enlightenment.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement.

**HIST 343 Europe Since 1939 (3)**

European politics, culture and society from the Second World War to the present, focusing on violence, genocide, peacemaking, the Cold War, the Collapse of Communism, and the European Union.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement.

**HIST 344 Modern European Cultural History (3)**

European high and low culture from Romanticism to Existentialism. Topics include definitions of culture, modernity, bourgeois culture, mass culture and radical critiques of modernity.

*Prerequisite:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement. Two or more upper-level courses in modern European history or the permission of the instructor.

**HIST 345 Modern German Cultural and Intellectual History (3)**

Intensive examination of a specific topic in Germany's cultural history. Topics include Fin de Siècle Vienna and Berlin, modernism and its discontents, German culture 1870–1945 and Weimar culture. Specific topics and time periods vary each year.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement.

**HIST 346 History of the Soviet Union (3)**

An examination of the political, social, and cultural developments in Russia from the eve of the Revolution to the present day. Topics include the Bolshevik Revolution, Lenin and Russian Communism, Stalinization and the Cold War.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement.



**HIST 347 Special Topics in Modern European History (3)**

Intensive examination of major themes in European history since 1500. Specific topic will be listed with course title when offered.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement.

**HIST 350 Special Topics in Comparative/Transnational History (3)**

Intensive examination of a specific topic. Topic will be listed with the course title when offered.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement.

**HIST 357 Victorian Britain (3)**

A social and cultural history of Britain at the peak of its power and influence.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement.

**HIST 359 Modern Jewish History: French Revolution to Present (3)**

Developments in Jewish civilization from 1789 to the present. Topics include societal, economic, intellectual, cultural, political and diplomatic developments. Treated in this course are international communities, including Israel, remnant communities in the Arab world, Latin America, North and South Africa, Europe and the United States.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement.

**HIST 361 Special Topics in Modern Asia, Africa, or Latin America (3)**

Intensive examination of historical developments in Asia, Africa or Latin America since 1500. Specific topic will be listed with the course title when offered.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement.

**HIST 364 Sugar and Slaves in Colonial Brazil (3)**

Brazilian history from the arrival of the Portuguese in 1500 to independence in the 1820s will be the time frame for this class. Emphasis will be on social aspects, especially slavery and sugar and how this society was linked with the greater Atlantic economy (especially Angola), and the Portuguese Empire.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement.

**HIST 365 Modern Brazil (3)**

This course provides an overview of the history of modern Brazil from the beginnings of independence to the 1980s. Major topics will include the Brazilian monarchy and 19th-century society, the first republic, the impact of President Vargas, industrialization, the military and race and other aspects of modern society.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement.

**HIST 366 Comparative Slavery in the Americas (3)**

This class is designed to introduce students to some of the complex issues relating to slavery in North and South America, from its introduction until its demise in the 19th century. This will be done by way of a comparative framework, which will examine North and South America, as well as the Caribbean.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement.

**HIST 370 Special Topics in Premodern History (3)**

Intensive examination of topics in world history to 1500. Specific topic will be listed with course title when offered.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement.

**HIST 400 Seminar (3)**

A topical seminar focused around a central historical problem.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement.

**HIST 402 Tutorial (3, Repeatable up to 12)**

Individual instruction given by a tutor in regularly scheduled meetings (usually once a week).

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement; junior standing, and permission of the instructor and the department chair.

**HIST 403 Reading and Independent Study in History (3)**

Designed primarily for the student whose interest has been aroused in a particular topic or field. This independent study may take the direction of producing a research paper, of reading a number of books and discussing them on a regular basis with the professor, or of reading a number of books and writing critical reviews of them, etc. The amount of reading or the nature of the project will be agreed to by the student and the professor.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement and permission of the instructor and the department chair.

**HIST 410 Research Seminar in U.S. History (3)**

A topical seminar focused around a central historical problem in U.S. history with a major research paper required. Specific topic will be listed with the course title when offered.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement., HIST 299, juniors and seniors only, and permission of the instructor and the department chair.

**HIST 420 Research Seminar in Lowcountry History (3)**

A topical seminar focused around a central historical problem in the history of the Lowcountry (the tidewater and the adjacent islands between Winyah Bay and Florida). The course will consider the European, African, and Caribbean components of Lowcountry culture.

Specific topic will be listed with the course title when offered.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement, HIST 299, juniors and seniors only, and permission of the instructor and the department chair.

### **HIST 441 Research Seminar in Modern European History (3)**

A topical seminar focused on central historical problems in European history since 1500 with a major research paper required. Specific topic will be listed with the course title when offered.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement, HIST 299, junior or senior standing and permission of the instructor and the department chair.

### **HIST 450 Research Seminar in Comparative/Transnational History (3)**

Intensive examination of a specific topic. Topic will be listed with the course title when offered.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement, HIST 299, and at least one 300-level course in History, juniors and seniors only, and permission of the instructor and the department chair.

### **HIST 461 Research Seminar in Modern Asia, Africa, Latin America (3)**

A topical seminar focused on central historical problems in Asia, Africa, or Latin America since 1500 with a major research paper required. Specific topic will be listed with the course title when offered.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement, junior or senior standing and permission of the instructor and the department chair.

### **HIST 470 Research Seminar in Premodern History (3)**

Research Seminar in Pre-Modern History to 1500 with a major research paper required. Specific topic will be listed with the course title when offered.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that

satisfies the general education history requirement, HIST 299, junior or senior standing, and permission of the instructor and the department chair.

### **HIST 496 Field Internship (3)**

A field internship is designed to provide the advanced student with the opportunity to pursue a research topic in the context of an experiential learning situation—in a historical organization or foundation in the tri-county area.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement, juniors or seniors in good academic standing, and permission of the instructor and the department chair.

### **HIST 498 Senior Paper (3)**

The senior paper is intended for the exceptional student who has a well-thought-out research topic, and it may be taken only with prior approval of the History department. At least one month before the end of the semester prior to the semester in which the paper is to be written, the student must select a topic and obtain approval of that topic from a professor willing to direct the paper. The student must then petition the department for the right to register for the course and have that petition approved by the department. The senior paper may be directed by any member of the department. Another reader of the department will serve as second reader. A copy of the paper will be kept in the department office.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement, HIST 299, junior or senior standing, permission of the instructor, the department chair and the department.

### **HIST 499 Bachelor's Essay (6)**

Independent research for students who are candidates for departmental honors.

*Prerequisites:* EITHER HIST 115-116 OR any other combination of courses that satisfies the general education history requirement, HIST 299, junior or senior standing, and permission of the instructor, the department chair and the department.

## **Honors Courses**

### **HONS 100 Beyond George Street (1)**

A course that welcomes freshmen in the Honors First-Year Learning Community into the honors experience by introducing them to faculty and peers through small-group discussion, one-on-one mentoring, and community engagement. Students explore opportunities and academic interests, ultimately creating the basis for a professional portfolio. Upper-level honors students serve as mentors.

*Required for first semester freshmen in the Honors College.*

### **HONS 110 Honors Academic Writing (4)**

An accelerated introduction to the practices necessary for successful college writing at the quality expected of Honors College students. This course satisfies the requirements for ENGL 110. A student may not receive credit for both HONS 110 and ENGL 110. Taken during student's first year. A grade of "C" or better required to fulfill the General Education requirement.

### **HONS 115 Honors Calculus (4)**

The core of the course will be single-variable calculus. Applications in various areas will be emphasized. Applies toward the general education requirement in mathematics or logic.

*Note: Students may not receive credit toward graduation for more than one of MATH 105, MATH 120, and HONS 115.*

### **HONS 120 Honors Colloquium in Western Civilization (6)**

This first semester of a year-long colloquium is an intensive interdisciplinary study which relates the arts, literature and philosophy of the Western world to their political, social and economic contexts. Examines the development of Western civilization from its origins in the ancient Near East through the Renaissance and Reformation.

### **HONS 130 Honors Colloquium in Western Civilization (6)**

This second semester of a year-long colloquium is an intensive interdisciplinary study which relates the arts, literature and philosophy of the Western world to their political, social

and economic contexts. This class examines developments from the scientific revolution to the contemporary world.

*Note: HONS 120 and 130 together satisfy the general education requirement in history; each also counts three hours toward the satisfaction of the general education requirement in humanities. HONS 120 replaces the requirement for a pre-modern history course and HONS 130 replaces a modern history course.*

### **HONS 151 Honors Biology I (3)**

*Co-requisite:* HONS 151L.

### **HONS 151L Honors Biology I Lab (1)**

*Co-requisite:* HONS 151.

### **HONS 152 Honors Biology II (3)**

*Co-requisite:* HONS 152L.

### **HONS 152L Honors Biology II Lab (1)**

*Co-requisite:* HONS 152.

*Note: Completion of HONS 151 and 152, with labs, satisfies the general education requirement in natural science.*

### **HONS 153 Honors Chemistry I (3)**

*Co-requisite:* HONS 153L.

### **HONS 153L Honors Chemistry I Lab (1)**

*Co-requisite:* HONS 153.

### **HONS 154 Honors Chemistry II (3)**

*Co-requisite:* HONS 154L.

### **HONS 154L Honors Chemistry II Lab (1)**

*Co-requisite:* HONS 154.

*Note: Completion of HONS 153 and 154, with labs, satisfies the general education requirement in natural science.*

### **HONS 155 Honors Geology I (3)**

*Co-requisite:* HONS 155L.

### **HONS 155L Honors Geology I Lab (1)**

*Co-requisite:* HONS 155.

### **HONS 156 Honors Geology II (3)**

*Co-requisite:* HONS 156L.

### **HONS 156L Honors Geology II Lab (1)**

*Co-requisite:* HONS 156.

*Note: Completion of HONS 155 and 156, with labs, satisfies the general education requirement in natural science.*

### **HONS 157 Honors Physics I (3)**

*Co-requisite:* HONS 157L.

### **HONS 157L Honors Physics I Lab (1)**

*Co-requisite:* HONS 157.

### **HONS 158 Honors Physics II (3)**

*Co-requisite:* HONS 158L.

### **HONS 158L Honors Physics II Lab (1)**

*Co-requisite:* HONS 158.

*Note: Completion of HONS 157 and 158, with labs, satisfies the general education requirement in natural science.*

### **HONS 159 Honors Astronomy I (3)**

An introduction to astronomy. (This course is the Honors College equivalent of ASTR 129.) Topics considered include a brief history of astronomy, coordinates, time, the earth's structure and motion, astronomical instrumentation, the moon, eclipses, comets, meteors, interplanetary medium, stars, star clusters, interstellar matter, galaxies and cosmology.

*Prerequisite:* This course assumes a working knowledge of algebra and trigonometry.

*Co-requisite:* HONS 159L

### **HONS 159L Honors Astronomy I Lab (1)**

A laboratory program to accompany Honors Astronomy I.

*Prerequisite:* This course assumes a working knowledge of algebra and trigonometry.

*Co-requisite:* HONS 159

### **HONS 160 Honors Astronomy II (3)**

A continuation of HONS 159 Honors Astronomy I. (This course is the Honors College equivalent of ASTR 130).

*Prerequisites:* HONS 159 and HONS 159L. This course assumes a working knowledge of algebra and trigonometry.

*Co-requisite:* HONS 160L

### **HONS 160L Honors Astronomy II Lab (1)**

A laboratory program to accompany Honors Astronomy II.

*Prerequisites:* HONS 159 and HONS 159L. This course assumes a working knowledge of algebra and trigonometry.

*Co-requisite:* HONS 160

*Note: Completion of HONS 159 and 160, with labs, satisfies the general education requirement in natural science.*

### **HONS 163 Honors Psychology (3)**

This course will highlight the methods and procedures that psychologists use to understand the complexity of human behavior. Because psychology has grown to include numerous and vastly different domains, the course is team taught so that the students may gain a broader appreciation of psychology from two professors with differing laboratory approaches to the study of behavior.

*Note: Applies toward the general education requirement in social science. This course may not be taken for credit if credit has been received for PSYC 103.*

### **HONS 165 Honors American Government (3)**

This is the Honors equivalent of POLI 101. The course investigates national American government at all levels including its functions and challenges.

### **HONS 166 Honors World Politics (3)**

This is the Honors equivalent of POLI 103. The course takes an in-depth look at international politics and affairs. Topics include the nature of the state system, globalization, international cooperation and conflict and human rights.

### **HONS 167 Introduction to Sociology (3)**

Have you ever wondered why people behave the way they do? In this class you will gain a scientific understanding of the social world by observing human behavior, including culture, socialization, social inequality, and more, through the window of the sociological perspective—the deeper understanding of how society affects you and how you affect society.

### **HONS 168 Honors Introduction to Archaeology (3)**

This course introduces students to the study of past cultures through their material remains. Examines theories and methods used in archaeology for reconstructing, interpreting, and preserving the past. Students will use this knowledge to understand how archaeologists interpret the archaeological record to understand past human behavior and societies.

### **HONS 170 Honors Intro to Philosophy (3)**

An examination of problems in central areas of philosophy, including metaphysics, epistemology and ethics.

Note: Applies toward the general education requirement in humanities. This course may not be taken for credit if credit has been received for PHIL 101 or 102.

### **HONS 175 Approaches to Religion (3)**

An introduction to the comparative study of world religions using a thematic approach in at least three traditions, combined with a specific theoretical analysis of the theme.

*Note: Applies toward the general education requirement in humanities. This course may not be taken for credit if credit has been received for RELS 101.*

### **HONS 180 Honors Business and Consumer Ethics (3)**

This is the Honors equivalent of PHIL 175. It is designed to introduce the student to the ethical issues of the marketplace.

### **HONS 191 Honors Chemical Principles: Atoms to Molecules (3)**

Introductory chemistry course presenting theoretical principles and fundamental facts for understanding chemical compounds starting with the atom, building to molecules.

*Prerequisite:* MATH 111.

*Co-requisite:* HONS 191L.

### **HONS 191L Honors Chemical Principles Laboratory: Investigations of Atomic and Molecular Theory (1)**

Introductory chemistry laboratory course presenting practical applications related to concepts from lecture. This course stresses student development of proper technique, application of scientific method, data analysis, and reporting of scientific data. Formal 1-2 page reports required for experiments.

*Prerequisite:* MATH 111.

*Co-requisite:* HONS 191.

*Note: This course is designed for Honors College students with a rigorous high school chemistry background and non-Honors College students (upon approval by the Honors College) with AP Chemistry placement scores of 3 or higher.*

### **HONS 192 Honors Organic Chemistry: Applications of Molecular Structure and Properties (3)**

An introductory course utilizing theoretical principles and fundamental facts to form an understanding of the structure, characterization, properties and

reactivities of organic compounds. Functional groups, fundamentals of reaction mechanisms, and spectroscopy are included.

*Prerequisites:* HONS 191 and 191L with a grade of D+ or higher.

*Co-requisite:* HONS 192L.

MATH 120 is recommended as a pre-or co-requisite.

### **HONS 192L Honors Organic Chemistry Laboratory: Purification, Separation and Characterization of Organic Compounds (1)**

An introductory course presenting practical applications related to concepts from lecture. This course stresses the student development of proper technique, application of scientific method, data analysis, and reporting of scientific data. The formal reports for each experiment will be 1-2 pages each.

*Prerequisites:* HONS 191 and 191L with a grade of D+ or higher.

*Co-requisite:* HONS 192.

MATH 120 is recommended as a pre-or co-requisite.

### **HONS 200 Honors Economics I (3)**

Macroeconomics and microeconomics courses that introduce the principles of economics and the history of the development of these principles.

*Prerequisite or co-requisite:* MATH 120 or its equivalent.

### **HONS 210 Honors Business Law (3)**

This is the Honors equivalent of BLAW 205. It is designed to introduce the student to the legal, ethical and regulatory environment of business. Students will focus on the laws of contract, property and torts once a foundation of the legal system is established. Analysis of ethical considerations in a business environment will strengthen the student's ability to make critical decisions in the strategic arena of business.

### **HONS 211 Honors Economics II (3)**

Macroeconomics and microeconomics courses that introduce the principles of economics and the history of the development of these principles.

*Prerequisite:* HONS 200 or its equivalent.

### **HONS 214 Honors Business Statistics (3)**

Advanced statistical analysis with applications in business and economics utilizing relevant computer software. Topics include business applications in descriptive and inferential statistics emphasizing such topics as simple and multiple regression, analysis of variance, hypothesis testing, quality control, decision making using software and non-parametric techniques.

### **HONS 215 Honors Calculus II (4)**

A second calculus course especially designed for students with advanced placement credit for MATH 120. The course will cover the material of MATH 220, plus additional material to be determined in part by the backgrounds, interests and abilities of the students in the course.

*Prerequisite:* Advanced placement credit for MATH 120 or permission of the instructor.

*Note: Students may not receive credit toward graduation for both MATH 220 and HONS 215.*

### **HONS 216 Conceptual Tour of Contemporary Mathematics (3)**

This course will highlight mathematics as a network of intriguing and powerful ideas, not a dry formula list of techniques. Emphasis will be placed on conceptual, non-technical understanding of current developments in higher-level mathematics, and how these concepts and results are intertwined and employed in other areas outside mathematics.

*Prerequisites:* MATH 105 or MATH 120 or equivalent; or permission of instructor

### **HONS 220 Honors Colloquium in the Social Sciences (3-6)**

An examination of the social sciences from their origins in the 17th and 18th centuries through their development in modern times as independent disciplines. Readings cover both theory and current practice.

*Note: Applies toward the general education requirement in social science.*

### **HONS 230 Honors Colloquium: The Elements of Human Culture (3-6)**

An interdisciplinary study of literature, philosophy and fine arts as shaping forces for individuals and for society.

*Note: Applies toward the general education requirement in humanities.*

### **HONS 240 Honors Colloquium: Value and Tradition in the Nonwestern World (3-6)**

This seminar is intended to introduce students to non-Western cultures.

### **HONS 245 Honors Colloquium in the History and Philosophy of Science (3)**

This lecture/discussion course is a study of the evolution of scientific ideas from the intuitive insights of early cultures through modern analytic and experimental investigation.

### **HONS 246 Honors Colloquium in the History and Philosophy of Science (3)**

This lecture/discussion course is a study of the evolution of scientific ideas from the intuitive insights of early cultures through modern analytic and experimental investigation.

### **HONS 280 Honors Special Topics Course (1-4)**

An introductory or intermediate Honors course on a special topic not in the Humanities or Social Sciences. Topics will be proposed by faculty based on their particular expertise and interests and approved by the Honors College Committee. Repeatable up to 12 hours.

*Prerequisite:* Being a member of the Honors College or, on a space available basis, with the consent of the instructor and Dean of the Honors College.

### **HONS 281 Special Topics in the Humanities (1-4)**

An introductory or intermediate Honors course on a special topic in the Humanities. Topics will be proposed by faculty based on their particular expertise and interests and approved by the Honors College Committee. Applies toward general education requirements in Humanities. Repeatable up to 12 hours.

*Prerequisite:* Being a member of the Honors College or, on a space available basis, with the consent of the instructor and Dean of the Honors College.

### **HONS 282 Special Topics in the Social Sciences (1-4)**

An introductory or intermediate Honors course on a special topic in the Social Sciences. Topics will be proposed by faculty based on their particular expertise

and interests and approved by the Honors College Committee. Applies toward general education requirements in social science. Repeatable up to 12 hours.

*Prerequisite:* Being a member of the Honors College or, on a space available basis, with the consent of the instructor and Dean of the Honors College.

### **HONS 293 Honors Organic Chemistry: Reactions and Applications of Organic Compounds in Materials Science and Biology (3)**

This course provides qualitative introduction to concepts of kinetic and thermodynamic control of the reactions of organic compounds.

*Prerequisites:* HONS 192 and 192L with a grade of D+ or higher and MATH 120,

*Co-requisites:* HONS 293L, MATH 220 is recommended.

*Note: Students who fail HONS 192 or 192L should take CHEM 112/112L as needed and then take the CHEM 231/232 sequence.*

### **HONS 293L Honors Organic Chemistry Laboratory: Reactions and Applications of Organic Compounds in Materials Science and Biology (1)**

An introductory laboratory course presenting practical applications related to concepts from lecture. This course stresses the student use of proper technique, application of scientific method, data analysis, and reporting of scientific data. The formal reports for each experiment will be one-two pages each.

*Prerequisites:* HONS 192/192L with a grade of D+ or higher and MATH 120.

*Co-requisites:* HONS 293, MATH 220 is recommended.

*Note: Students who fail HONS 192 or 192L should take CHEM 112/112L as needed and then take the CHEM 231/232 sequence.*

### **HONS 294 Honors Chemical Principles: Mathematical Treatment of Equilibrium and Kinetics, Introduction to Nuclear Chemistry (3)**

This course provides quantitative/mathematical understanding of kinetics and thermodynamics describing chemical reactions, including mathematical applications and problem solving skills related to theories necessary to understand the central role of chemistry for all molecular sciences. MATH 220 is strongly recommended as a co-or pre-requisite.

*Co-requisite:* HONS 294L

*Note: Students who fail either HONS 293 or HONS 293L will be encouraged to take CHEM 112/112L in place of the HONS 294/294L sequence.*

### **HONS 294L Honors Chemical Principles Laboratory: Mathematical Treatment of Equilibrium and Kinetics, Introduction to Nuclear Chemistry (1)**

This course provides quantitative/mathematical understanding of kinetics and thermodynamics describing chemical reactions, including mathematical applications and problem solving skills related to theories necessary to understand the central role of chemistry for all molecular sciences. MATH 220 is strongly recommended as a co-or pre-requisite.

*Co-requisite:* HONS 294

*Note: Students who fail either HONS 293 or HONS 293L will be encouraged to take CHEM 112/112L in place of the HONS 294/294L sequence.*

### **HONS 380 Interdisciplinary Special Topics (3-6)**

An Honors course on an interdisciplinary topic, not in the Humanities or Social Sciences. Topics will be proposed by faculty based on their particular expertise and interests and approved by the Honors College Committee. Repeatable up to 12 hours.

*Prerequisites:* Junior standing and HONS 120 or consent of instructor and Dean of the Honors College.

### **HONS 381 Interdisciplinary Special Topics in the Humanities (3-6)**

An Honors course on an interdisciplinary topic in the Humanities. Topics will be proposed by faculty based on their particular expertise and interests and approved by the Honors College Committee. Applies toward general education requirements in Humanities. Repeatable up to 12 hours.

*Prerequisites:* Junior standing and HONS 120 or consent of instructor and Dean of the Honors College.

### **HONS 382 Interdisciplinary Special Topics in the Social Sciences (3-6)**

An Honors course on an interdisciplinary topic in the Social Sciences. Topics will be proposed by faculty based on their particular expertise and interests and approved by the Honors College

Committee. Applied toward general education requirements in Social Science. Repeatable up to 12 hours.

*Prerequisites:* Junior standing and HONS 120 or consent of instructor and Dean of the Honors College.

### **HONS 390 Special Topics (3-6)**

An honors course on a special topic to be determined by faculty and student interest.

### **HONS 391 Special Topics in Humanities (3)**

An honors course on a special topic in the humanities to be determined by faculty and student interest. Applies toward the general education requirement in humanities.

### **HONS 392 Special Topics in Social Sciences (3-6)**

An honors course on a special topic in the social sciences to be determined by faculty and student interest. Applies toward the general education requirement in social science.

### **HONS 394 Honors Research Methods (3)**

In this course, students will use qualitative and quantitative methods in research. By the end of this course, students will be able to apply research methods for (1) understanding and articulating assumptions about the business world; and (2) helping to develop basic knowledge of the principal techniques in research.

*Prerequisites:* HONS 214 and junior standing.

### **HONS 395 Scholarly Off-Campus Project (3 Minimum)**

Honors College students are encouraged to engage in scholarly projects off campus; e.g., study abroad, exchanges with other honors programs, internships, etc. Such projects are normally conceived by the student and worked out in detail with the student's advisor or tutor with the assistance of the Honors College dean. Projects will be approved and evaluated for credit by the Honors College committee.

### **HONS 398 Honors Independent Study (1-3, Repeatable up to 6)**

Individually supervised reading and/or research on a topic or project agreed upon

by student and supervisor. The amount of reading or the nature of the project will determine the credit to be assigned.

### **HONS 399 Tutorial (3, Repeatable up to 12)**

Individual instruction given by a tutor in regularly scheduled meetings (usually once a week).

*Prerequisite:* Junior standing plus permission of the tutor.

### **HONS 490 Senior Honors Seminar (3)**

Honors students working on bachelor's essays meet in a weekly seminar that provides an opportunity for all senior Honors College students to work together. Topics will vary according to student and faculty interest and will emphasize the common ground of intellectual endeavor.

### **HONS 499 Bachelor's Essay (6)**

A year-long research and writing project done during the senior year under the close supervision of a tutor. The student must take the initiative in seeking a tutor to help in both the design and the supervision of the project. A project proposal must be submitted in writing and approved by the Honors College committee prior to registration for the course.

## **Hospitality and Tourism Management Courses**

### **HTMT 210 Principles and Practices in Hospitality & Tourism (3)**

An overview of the hospitality and tourism field including its historical development, major components, functions and current and future trends. Does not count toward major GPA except in HTMT major and/or concentration.

### **HTMT 260 Special Topics in Hospitality & Tourism (1-3)**

An in-depth treatment of a current area of special concern within the field of hospitality and tourism.

### **HTMT 350 Hospitality & Tourism Marketing (3)**

This course examines how leading hospitality and tourism enterprises apply marketing principles to create and retain customers. Special attention is given to the timing, packaging, pricing, channels of distribution, advertising and personal selling functions of destination-marketing organizations and convention and meeting facilities.

*Prerequisites:* Junior standing; HTMT 210; MKTG 302 or ARTM 370; or permission of instructor

### **HTMT 351 Hotel Management (3)**

This course examines hotel management issues emphasizing general management, service, sales, forecasting, financial aspects, rate efficiencies, labor management and guest relations.

*Prerequisites:* Junior standing; HTMT 210 or permission of the instructor.

### **HTMT 352 Service Operations Management (3)**

This course focuses on the socio-technical systems of hospitality operations. Through cases, role-playing and computer simulations, students will be exposed to a variety of human relations skills (i.e., communications, negotiating and personal selling) as well as technical skills (i.e., yield management, CRS) required to manage successful "hi-tech hi-touch" businesses.

*Prerequisites:* Junior standing; HTMT 210 or permission of the instructor.

### **HTMT 353 Hospitality Sales & Negotiations (3)**

Theory and practice of personal selling as used by hospitality and tourism organizations to develop long-term partnerships with customers with emphasis on marketing, planning, communications, presentation and negotiation skills.

*Prerequisites:* Junior standing; HTMT 350 or MKTG 302.

### **HTMT 354 Hospitality and Tourism Technology (3)**

This course examines theories and current trends in Internet marketing and information technology and teaches analytical skills with information systems, online marketing and social media management in the hospitality and

tourism industry. It exposes the students to the dynamics of technological changes and how it significantly transforms this industry.

*Prerequisite:* Junior standing.

### **HTMT 355 Negotiations: Principles and Practices (3)**

The objective of this course is to learn an effective negotiation framework for doing business in a hospitality/tourism management context. The intent is to experientially develop one's negotiation skills. Emphasis will be placed on negotiation case studies, exercises, and role-plays.

*Prerequisite:* HTMT 352 or instructor permission

### **HTMT 360 Special Topics in Hospitality & Tourism (1-3)**

In-depth treatment of current areas of special concern within the field of business administration. A maximum of six hours of special topics courses may be applied toward the business major elective requirement.

*Prerequisites:* Junior standing; other prerequisites depending on topic.

### **HTMT 361 Meetings and Convention Management (3)**

This course is intended to serve as a comprehensive overview of the Meetings, Exhibitions, Events and Conventions (MEEC) industry. Learners will achieve a macro working knowledge of MEEC industry principles, practices, operations and management. Emphasis will be placed on both the supply and demand components of MEEC.

*Prerequisites:* Junior standing; HTMT 210 or permission of the instructor; ACCT 203.

### **HTMT 362 Events Management (3)**

This course focuses on the cultural origins and significance of celebration within society; an introduction to management of special events and festivals from initial planning through delivery; questions of event feasibility; costing and financial management; assessing and meeting communication objectives; merchandising and marketing; staffing and task analysis; safety and security; debriefing and evaluation.

*Prerequisites:* Junior standing; ACCT 203; HTMT 210 or ARTM 200; or permission of the instructor.

### **HTMT 370 Foodservice Enterprise: Design & Development (3)**

This course explores conceptualization, design, and development of an independent foodservice enterprise. Responsible practice, current trends in menu design - theory, historical perspectives and sociological impact, recipe development strategies, beverage programs, sanitation, interior layout and flow, equipment alternatives, and technological opportunities are examined.

*Prerequisites:* HTMT 210 and junior or senior standing.

### **HTMT 372 Foodservice Operations Analysis (3)**

This course investigates the distinctive operational foodservice setting in which both production and selling of perishable food and beverage products occurs concurrently. Students analyze and process internal systems for monitoring food and beverage revenue and expense, menu item sales mix, pricing strategies, purchasing policies, inventory control, and employee development.

*Prerequisites:* HTMT 210 and junior or senior standing.

### **HTMT 380 Managing Global Tourism (3)**

This course examines tourism issues from a global perspective. Topics covered during this course include: international business practices (marketing, law and finance), managing diverse populations and sustainable development. The course will present opportunities to analyze and discuss multiple perspectives related to understanding and managing tourism businesses in a globalized environment.

*Prerequisites:* HTMT 210, ECON 200, ACCT 203 or permission of the instructor.

### **HTMT 399 TUTORIAL (3, Repeatable up to 12)**

Individual instruction given by a tutor in regularly scheduled meetings (usually once a week). The student must take the initiative in seeking a tutor to help in the design and supervision of the project. A maximum of six hours of tutorial courses

may be applied toward the business major elective requirement.

*Prerequisites:* Junior standing; permission of the tutor and the chair.

### **HTMT 420 Independent Study (3)**

The student will select a reading or research project in consultation with a faculty member, who will guide the work and determine the hours of credit to be allowed. A maximum of six hours of independent study courses may be applied toward the business major elective requirement.

*Prerequisites:* Junior standing; written agreement with instructor and chair.

### **HTMT 444 Hospitality Management Internship (3)**

A complementary source of learning and enhancement to the student's academic program and career objectives through experiential education engaging the student in a unique three-way partnership between an approved hospitality partner, the university and the student. The overall unique learning experience will be guided by a Learning Contract, outlining specific work-related experiences and academic components designed to enhance the student's knowledge. Finally, a series of regularly scheduled reflection and learning sessions conducted by faculty with support of industry leaders will be required. A maximum of three (3) hours of internship credit will be awarded.

*Prerequisites:* Senior status and declared major in hospitality and tourism management or permission of the instructor.

### **HTMT 488 Strategic Hospitality and Tour Management (3)**

This course is the capstone course for the HTM program. The course involves the integration and application of interdisciplinary management concepts, theories, and practices instrumental to management success within the hospitality and tourism industry.

*Prerequisites:* Senior status; ACCT 203, ACCT 204, DSCI 232, ECON 200, ECON 201, MGMT 301, MKTG 302, FINC 303, HTMT 210, HTMT 352; BLAW 205 and DSCI 320 are both recommended.

**HTMT 499 Bachelor's Essay (6)**

A year-long research and writing project completed during the senior year under the close supervision of a tutor from the school. The student must take the initiative in seeking a tutor to help in both the design and the supervision of the project. A project proposal must be submitted in writing and approved by the school prior to registration for the course.

*Prerequisite:* Senior standing.

## International Business Courses

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**INTB 260 Special Topics in International Business (1-3)**

An in-depth treatment of a current area of special concern within the field of international business.

*Prerequisite:* Sophomore standing or permission of instructor.

**INTB 313 Global Commerce and Enterprise (3)**

This course is an in-depth exploration of global commerce and the specific mechanisms and tools used in global enterprise. Students will learn principles and practices of trade and how to identify and analyze trade data, trade opportunities, and challenges. The focus is on how to take a firm global.

*Prerequisite:* Junior standing.

**INTB 314 Global Operations & Technology Management (3)**

This course teaches students how to use new technologies to manage the business enterprise and the global supply chain for competitive advantage. The course integrates the control of manufacturing and service operations utilizing emerging technologies to optimize business process and supply chains. Students use a variety of software packages to solve business problems. In addition, the latest theories of technology and knowledge management are used to place technological innovation in a strategic and global perspective.

*Prerequisites:* Junior standing; DSCI 232, MGMT 301, MATH 104 or 250, MATH 105 or 120.

**INTB 322 International Business (3)**

A study of the environment and operations of international business with emphasis on the nature and scope of international business, the framework of international trade transactions, the nation-state and international business, assessing national environments and managing the multinational enterprise.

*Prerequisites:* ECON 200 and 201, junior standing.

**INTB 344 International Business Internship (3)**

An internship is a supplemental source of learning designed to enhance the student's academic program and career objectives. The learning experience is a 3-way partnership and is guided by a learning contract outlining specific work and academic components.

*Prerequisites:* Junior standing and International Business Program Director permission

**INTB 360 Special Topics in International Business (1-3)**

An in-depth treatment of a current area of special concern within the field of international business.

*Prerequisite:* Junior standing.

**INTB 390 International Social Enterprise and Development (3)**

The International Social Enterprise and Development (ISED) course will introduce students to the development, planning and managing of social enterprises. Students will have practical experience in a social enterprise and a full cultural immersion in a different country. Prior approval of the ISED proposal is required before course registration.

*Prerequisites:* Junior standing and instructor permission

**INTB 409 Global Strategic Management (3)**

In this course, students will learn about competing in the global economy. They will be exposed to different corporate structures, philosophies, and business methods existing in both developed and underdeveloped countries. Students, working in teams of two or three, will analyze case studies and identify strengths and weaknesses of various companies. Having completed their

analysis, students will then suggest policies to solve company problems or take advantage of promising opportunities.

*Prerequisites:* ACCT 203, 204, DSCI 232, ECON 200, 201, FINC 303, INTB 314, MGMT 301, MKTG 302, 326, MATH 104 and 105; senior standing.

**INTB 420 Independent Study in International Business (1-3)**

The student will select a reading or research project in consultation with a faculty member, who will guide the work and determine hours of credit to be allowed. A maximum of six credit hours of independent study may be applied toward the international business major elective requirement.

*Prerequisites:* Junior standing; instructor and chair permission

**INTB 499 Bachelor's Essay (6)**

This is a year-long research and writing project completed during the senior year of Honors students majoring in International Business under close supervision of a tutor from the school. A project proposal must be submitted in writing and approved by the faculty prior to registration for the course.

*Prerequisites:* Senior standing; Honors student with declared International Business major

## International Studies Courses

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**INTL 100 Introduction to International Studies (3)**

This course introduces a base of knowledge, analytical skills, and a vocabulary of concepts useful for understanding the multi-dimensional concerns of International Studies. Through an examination of international politics, economics, society, history, literature, and environment, this course will enhance the student's appreciation for an International Studies approach to issues associated with global development.

**INTL 120 Economics of Globalization (3)**

This course introduces topics surrounding economic globalization. It examines the



historic and current economic causes and consequences of global integration. Topics include history of globalization, the role of international trade, post-WWII global monetary system and financial integration. It evaluates the arguments on both sides of the globalization debate as well as globalization's effects on domestic economies and policies, labor markets, production, and on the environment (among other topics).

### **INTL 290 Special Topics in International Studies (3)**

Basic introductory examination of a specialized topic in International Studies. Specific topic will be listed with the course title when offered.

### **INTL 300 Comparative Methodology in International Studies (1)**

This course is designed to give International Studies majors a formal base in international comparative methodology and provide a means for weaving together the various disciplinary perspectives encountered in the multidisciplinary IS curriculum.

### **INTL 350 Cross Regional Studies (3)**

Recognizing that discrete knowledge of specific local conditions, nation states or regional areas alone are not sufficient to grasp the broader trends and relationships that connect them, cross-regional study seeks to throw attention on the factors that operate simultaneously and synchronously at those levels. Cross regional study courses will thematically examine the links between these levels of analysis that are manifested in the phenomenon we call globalization.

*NOTE: Repeatable up to 6 credit hours.*

### **INTL 390 Special Topics in International Studies (3)**

Intensive examination of a specialized topic in International Studies. Specific topic will be listed with the course title when offered.

### **INTL 400 Independent Study in International Studies (1-3)**

This course is designed for the student seeking to do specialized reading and/or research in a topic in International Studies.

### **INTL 401 Internship in International Studies (1-6)**

An opportunity for students to gain practical experience through supervised field placement in projects related to International Studies. Placement may be made in a non-US location or in the US in an international organization such as the UN or OAS, government agency such as the State Department, or international NGO or research institution. Students will be expected to produce specific assignments that reflect agreed-upon learning goals under the direction of a program faculty member.

*Prerequisites:* INTL 100 and at least nine additional hours of INTL program courses at the 200 or 300 level. The student must have at least sophomore standing, be in good academic standing, and have the permission of the INTL director and the student's concentration.

### **INTL 495 International Studies Capstone (3)**

The International Studies Capstone provides IS majors with a culminating integrative experience at the end of the major. Students from the various concentrations will come together to explore and analyze a major international event, problem or phenomenon, sharing the perspectives and tools they have gained in their diverse studies.

*Prerequisite:* International Studies majors with 24 earned hours in the major.

### **INTL 499 Bachelor's Essay (6)**

The Bachelor's Essay is a year-long research and writing project done during the senior year under close supervision of a tutor from the program. The student must take the initiative in seeking a tutor to help in both the design and supervision of the project. A project proposal must be submitted in writing and approved by the program faculty prior to registration for the course. The International Studies bachelor essay project must be interdisciplinary.

*Prerequisite:* INTL major.

## **Italian Courses**

### **ITAL 101 Elementary Italian (3)**

Introduces the fundamental structure of Italian with emphasis on acquisition of

the basic language skills, reading and listening comprehension, and oral and written expression.

*Prerequisite:* Open only to beginning students of Italian.

### **ITAL 102 Elementary Italian (3)**

Introduces the fundamental structure of Italian with emphasis on acquisition of the basic language skills, reading and listening comprehension, and oral and written expression.

*Prerequisite:* ITAL 101 or placement.

### **ITAL 201 Intermediate Italian (3)**

Develops a basic proficiency in Italian and familiarity with Italian culture through practice in the use of the basic language skills and acquisition of vocabulary.

*Prerequisite:* ITAL 102 or placement.

### **ITAL 202 Intermediate Italian (3)**

Develops a basic proficiency in Italian and familiarity with Italian culture through practice in the use of the basic language skills and acquisition of vocabulary.

*Prerequisite:* ITAL 201 or placement.

### **ITAL 313 Italian Conversation and Composition I (3)**

Provides intensive practice in the written and spoken language while introducing contemporary cultural materials.

*Prerequisite:* ITAL 202 or placement, or permission of the instructor.

### **ITAL 314 Italian Conversation and Composition II (3)**

Provides intensive practice in the written and spoken language while introducing contemporary cultural materials.

*Prerequisite:* ITAL 202 or placement, or permission of the instructor.

### **ITAL 328 Italian Language Study Abroad (3)**

Designed to develop confidence in communicative skills and greater facility in dealing with ideas in Italian through study in Italy.

### **ITAL 330 Collateral Study (1-3)**

Individually supervised course of reading in Italian and in the subject area of a concurrent course offered by another department. The nature and extent of

readings will be determined in consultation among student, instructor of the primary subject-matter course, and the language instructor, who will supervise and evaluate the student's linguistic performance. A collateral study course may be repeated up to maximum of six credit hours in conjunction with other primary courses.

### **ITAL 361 Survey of Italian Literature I (3)**

Italian literature studied from its origins to the 18th century.

*Prerequisite:* ITAL 202 or permission of the instructor.

### **ITAL 362 Survey of Italian Literature II (3)**

A continuation of ITAL 361. Italian literature from the 18th century to the beginning of the 20th century.

*Prerequisite:* ITAL 202 or permission of the instructor.

### **ITAL 370 Studies in Italian Film and Literature (3)**

Study of major works of literature and their adaptation to the screen, with emphasis on the similarities and differences between the two media. The course will be conducted in English.

### **ITAL 390 Special Topics in Italian (3)**

Intensive study of a particular subject or theme. (Specific topics will be listed in the Schedule of Courses when offered; e.g., Italian Contemporary Narrative.)

### **ITAL 452 20th-Century Italian Literature (3)**

A study of the major works of the 20th-century Italian literature.

*Prerequisite:* ITAL 313 or 314, or permission of the instructor.

### **LTIT 150 Italian Literature in (English) Translation (3)**

Study of selected works from a number of literatures that offer different perspectives on the world and humankind.

### **LTIT 250 Italian Literature in (English) Translation (3)**

Study of selected works, representing major literary periods and genres, which illuminate another language and culture or era of a shared human condition.

### **LTIT 270 Introduction to Italian Cinema (3)**

This course is a survey of Italian cinema from WWII to the present. Genres such as Neorealism, Italian-style comedy, the spaghetti western and political cinema, which reflect and comment on the cultural, social and political realities of Italy, will be analyzed historically and stylistically.

### **LTIT 350 Italian Literature in (English) Translation (3)**

Study of selected works by an author whose influence is felt in the world at large.

### **LTIT 370 Studies in Italian Cinema (3)**

This course will explore various aspects of Italian Cinema, one topic at a time. Topics will rotate from semester to semester and include New Italian Cinema, cinematic treatment of South Italy, Italian-American cinema, and politics and ideology in Italian Cinema.

### **LTIT 450 Italian Literature in (English) Translation (3)**

A study of selected works by major authors representing different cultures with emphasis on common themes as viewed from the perspectives of these writers.

## **Japanese Courses**

### **JPNS 101 Elementary Japanese (4)**

Introduces the fundamental structures of Japanese with emphasis on acquisition of listening comprehension and oral expression. Introduction to the writing and reading of Japanese characters.

*Prerequisite:* Open to beginning students of Japanese.

### **JPNS 102 Elementary Japanese (4)**

Introduces the fundamental structures of Japanese with emphasis on acquisition of listening comprehension and oral expression. Introduction to the writing and reading of Japanese characters.

*Prerequisite:* JPNS 101 or placement.

### **JPNS 201 Intermediate Japanese (4)**

Develops a proficiency in Japanese and familiarity with Japanese culture through

practice in the use of the basic language skills (listening, speaking, reading, writing) and acquisition of vocabulary.

*Prerequisite:* JPNS 102 or placement.

### **JPNS 202 Intermediate Japanese (4)**

Develops a proficiency in Japanese and familiarity with Japanese culture through practice in the use of the basic language skills (listening, speaking, reading, writing) and acquisition of vocabulary.

*Prerequisite:* JPNS 201 or placement.

### **JPNS 313 Japanese Conversation and Composition I (3)**

Strengthens the development of communication skills in Japanese, while introducing the culture that shapes the people of Japan. Attention will be given to various writing styles and achievement of them by regularly assigned compositions.

*Prerequisite:* JPNS 202 or placement.

### **JPNS 314 Japanese Conversation and Composition II (3)**

Strengthens the development of communication skills in Japanese, while introducing the culture that shapes the people of Japan. Attention will be given to various writing styles and achievement of them by regularly assigned compositions.

*Prerequisite:* JPNS 313 or placement.

### **JPNS 343 Advanced Japanese Conversation and Composition (3)**

Advanced study of Japanese that provides intensive practice in the spoken and written language. Students will be exposed to a wide range of functional skills as well as sociocultural information necessary for smooth communication in Japanese. Special emphasis is put on vocabulary and grammar used to express different levels of politeness.

*Prerequisite:* JPNS 314 or permission of the instructor.

### **JPNS 390 Special Topics (3)**

### **LTJP 250 Japanese Literature in (English) Translation (3)**

Study of selected works, representing major literary periods and genres, which illuminate another language and culture or era of a shared human condition.

**LTJP 350 Japanese Literature in (English) Translation (3)**

Study of selected works by an author whose influence is felt in the world at large.

**LTJP 390 Special Topics (3)**

The course introduces students to a selection of major Japanese novels in English translation and examines and analyzes their historical, social and cultural context.

**LTJP 450 Japanese Literature in (English) Translation: Comparative Literature (3)**

Study of selected works by major authors representing different cultures with emphasis on common themes as viewed from the perspectives of these writers.

## Jewish Studies Courses

**JWST 200 The Jewish Tradition (3)**

A multidisciplinary introduction to the history, beliefs, practices and institutions of the Jewish tradition, from its biblical foundations to the modern state of Israel.

*Note: This course may not be taken for credit if credit has been received for RELS 225.*

**JWST 210 Jewish History I: Ancient to Modern (3)**

A survey of the social, economic, religious, and political experience of the Jewish people in the pre-modern world, emphasizing the diversity of the Jewish experience and the interaction between Jews and their surrounding environments. (Course has no prerequisite; students taking JWST 210 are not required to take JWST 215.)

**JWST 215 Jewish History II: Modern to Present (3)**

A survey of the social, economic, religious, and political experience of the Jewish people in the modern world, emphasizing the diversity of the Jewish experience and the interaction between Jews and their surrounding environments. (Course has no prerequisite; students taking JWST 215 are not required to have taken JWST 210.)

**JWST 230 The Holocaust (3)**

A historical examination of the genocide carried out in Nazi Germany from 1933-1945: its causes, its specific operation, its relation to other forms of political violence, and its significance for Jewish and non-Jewish understandings of politics, history and the nature of evil.

**JWST 240 Jewish Philosophy (3)**

A historical survey of some major philosophical themes and debates within the Jewish tradition. Readings will be drawn from biblical, rabbinic, medieval and modern sources. Texts and authors may include Job, Ecclesiastes, Pirke Avot, Philo, Maimonides, Spinoza, Mendelsohn, Rosenzweig, Buber and Levinas.

**JWST 245 Introduction to Jewish-American Literature (3)**

An introduction to Jewish-American literature from the 20th century to the present. Cross listed with ENGL 191.

**JWST 300 Special Topics in Jewish Studies (3)**

An examination of an area in Jewish studies for which no regular course is offered. The course may be repeated for credit if the content is different. The specific topic will be listed when the course is offered.

**JWST 310 Topics in Jewish History (3)**

Intensive study of a particular period or theme in Jewish history. The specific topic will vary; the course can be repeated for credit if the topic is different.

**JWST 315 Southern Jewish History**

A study of the Jewish experience in the South from the colonial period to the present. Themes include the Jewish encounter with race and racism, the experience of Jewish women, the nature of Southern antisemitism, and whether the case of Charleston reflects the broader narrative of Southern Jewish history.

**JWST 320 Topics in American Jewish Culture (3)**

Examination of a dimension of the material and/or artistic culture of Jews as an ethnic group in the United States. Topics might include residential, economic, communal, and/or religious organization; architecture, literature, or

film. The specific topic will vary; course can be repeated for credit if the topic is different.

**JWST 325 Jewish Mysticism**

A study of the major forms of Jewish mysticism, particularly Kabbala - the dominant expression of Jewish mysticism since the 13th century - and its modern manifestations in the Hasidic movement. Readings include both secondary and primary sources, in English translation.

**JWST 330 Representations of the Holocaust**

An examination of the ways the Holocaust has been represented in memoir, literature, and/or film. Special attention will be paid to the difficulty of representing the uniqueness and distinctive evil of this historical event.

**JWST 335 Modern Jewish Politics (3)**

An examination of Jewish political movements in modern Europe, the United States, and Israel.

**JWST 400 Independent Study (3)**

Individually supervised readings and study of some work, problem, or topic in Jewish studies of the student's interest. A project proposal must be submitted in writing and approved by the director or associate director prior to registration for the course.

**JWST 450 Research Seminar in Jewish Studies (3)**

Introduction to original research in Jewish Studies. The seminar will have a specific topic, but readings will be methodological as well as topical. Students will discuss the nature of original research in Jewish Studies, and create and present a research project of their own. Open to majors, minors, or by permission.

## Latin American and Caribbean Studies Courses

**LACS 101 Introduction to Latin American and Caribbean Studies (3)**

This course is designed as an interdisciplinary introduction to Latin America and the Caribbean through a

study of its history, geography, politics, economic systems, literature and art. Although it is impossible to cover all of the countries of Latin America and the Caribbean (Mexico, Central and South America and the Caribbean) in one semester, students will gain an insight into some of the major historical events and cultural developments of the region. Several members of the College of Charleston faculty with expertise in certain aspects of Latin America and the Caribbean will present lectures.

*Note: This course can satisfy either the social science or humanities degree requirement.*

### **LACS 103 Introduction to Contemporary Cuba (3)**

A multi-disciplinary introduction to 20th-century Cuba, its civilization and culture including politics, economy, social history and the arts. The course will make the Cuban Revolution a particular focus – its accomplishments, and the present-day struggle over its future. Study visits, day trips, special lectures by Cuban scholars and guided study tours to museums, natural parks and Pinar del Rio province among other sites will be an integral part of this course.

*Note: This course can satisfy either the social science or humanities degree requirement.*

### **LACS 104 Introduction to Contemporary Chile (3)**

This course is a multi-disciplinary introduction to the civilization and culture of Chile. The course will provide an overview of the 19th century, starting with the period of independence, but the main focus will be on 20th-century development, including politics, social history, economy and the arts. Study tours to museums, cultural centers and historical sites will be an integral part of the course as offered under the study abroad program in Chile.

*Note: This course can satisfy either the social science or humanities degree requirement.*

### **LACS 105 Introduction to Contemporary Brazil (3)**

Students will travel to distinct regions of Brazil to gain a better understanding of the different Brazilian peoples and cultures. This intensive two-week course will examine current issues in Brazil, such as politics, history, economy, geography/land distribution, ecology, art and popular culture. Guided study tours to museums, cultural centers, historical

sites and natural parks will be part of this course.

*Note: This course can satisfy either the social science or humanities degree requirement.*

### **LACS 106 Introduction to Contemporary Argentina (3)**

An introduction to late 20th- and 21st-century Argentina, its civilization and culture including politics, economy, social history, the arts and literature. This course will only be given in Argentina as part of a College of Charleston study-abroad program.

*Note: This course can satisfy either the social science or humanities degree requirement.*

### **LACS 200 Special Topics in Latin American and Caribbean Studies (3)**

Basic introductory examination of a specialized topic in Latin American and Caribbean studies. Specific topic will be listed with the course title when offered.

### **LACS 300 Special Topics in Latin American and Caribbean Studies (3)**

Intensive examination of a specialized topic in Latin American and Caribbean studies. Specific topic will be listed with the course title when offered.

### **LACS 332 Latin American Politics and Society in Film (3)**

This course examines the portrayal of Latin America in contemporary Latin American and North American film. The class will focus on the major issues of race, class, gender, culture, nationalism, religion, power, and values as well as examining the typical stereotypes of Latin American politics and culture. It also examines the history of Latin American relations and the perceptions of those relations with the U.S.

### **LACS 400 Independent Study in Latin American and Caribbean Studies (3)**

This course is designed for the student seeking to do specialized reading and/or research in a topic on Latin America or the Caribbean.

### **LACS 401 Latin American and Caribbean Studies Internship (1-4)**

An opportunity for students to gain practical experience through supervised field placement in areas related to Latin American and Caribbean Studies. Placement may be made in Latin America and/or the Caribbean or in the US on a Latin America/Caribbean related

project. Students will be expected to produce specific assignments that reflect agreed-upon learning goals under the direction of a program faculty member.

*Prerequisites:* LACS 101 and at least nine additional hours of of LACS program courses at the 200 or 300 level. The student must have at least sophomore standing, be in good academic standing, and have the permission of the LACS director.

### **LACS 495 Latin American and Caribbean Studies Capstone (3)**

The Latin American and Caribbean Studies Capstone provides LACS majors with a culminating integrative experience at the end of the major. Students will explore and analyze a theme, event, problem or phenomenon, shared by the various regional societies and apply perspectives and tools they have gained in their diverse classes.

*Prerequisite:* 24 hours in declared LACS major.

### **LACS 499 Bachelor's Essay (6)**

The Bachelor's Essay is a year-long research and writing project done during the senior year under close supervision of a tutor from the program. The student must take the initiative in seeking a tutor to help in both the design and supervision of the project. A project proposal must be submitted in writing and approved by the program faculty prior to registration for the course. The LACS bachelor essay project must be interdisciplinary.

## **Latin Courses**

### **LATN 101 Elementary Latin (3)**

Introduces the fundamental grammar, syntax and vocabulary of Latin with emphasis on reading comprehension.

*Prerequisite:* LATN 101 is open only to beginning students of Latin.

### **LATN 102 Elementary Latin (3)**

Continues the introduction to the fundamental grammar, syntax, and vocabulary of Latin with emphasis on reading comprehension.

*Prerequisite:* LATN 101 or placement.

**LATN 150 Intensive Elementary Latin (6)**

An introduction to the fundamental grammar, syntax and vocabulary of Latin with emphasis on reading comprehension.

*Prerequisite:* This course is open only to beginning students in Latin.

*Note:* This course covers the materials of LATN 101–102 in one semester. Classes meet five days a week for a total of six hours of instruction. It is designed for students who seek to accelerate their study of Latin. Students who have completed LATN 101 and/or 102 may not receive credit for LATN 150. Students who complete LATN 150 may not receive credit for 101 or 102.

**LATN 201 Intermediate Latin (3)**

Completes the introduction to Latin grammar, syntax, and vocabulary, while developing fluency in reading comprehension and translation.

*Prerequisite:* LATN 102 or 150 or placement.

**LATN 202 Intermediate Latin (3)**

Readings of selected works by Roman authors with a comprehensive review of Latin grammar, syntax, and vocabulary.

*Prerequisite:* LATN 201 or placement.

**LATN 250 Intensive Intermediate Latin (6)**

Completes the introduction to basic Latin grammar, syntax and vocabulary, followed by an introduction to the reading of Latin literature.

*Prerequisite:* LATN 102 or 150 with a grade of "C+" (2.5) or better, or placement via placement exam. Students are advised not to postpone completion of their language requirement until their senior year, since this course might not be available to them.

*Note:* This course covers the materials of LATN 201–202 in one semester. Classes meet five days a week for a total of six hours of instruction. It is designed for students who seek to accelerate their studies of Latin. Having completed 201 and/or 202, students may not take 250 for credit; conversely, students who complete LATN 250 may not receive credit for 201 or 202. NOTE: LATN 202 or 250 or their equivalents are prerequisites for all 300-level Latin courses.

**LATN 301 Introduction to Latin Literature (3)**

An introduction to the literature of the Classical period through selected readings from the works of major authors.

*Note:* LATN 301 is a prerequisite for all other 300-level Latin courses.

**LATN 305 Medieval Latin (3)**

An introduction to the reading of Medieval Latin prose and verse.

*Prerequisite:* LATN 301.

**LATN 321 Cicero (3)**

Selected readings from one or more of Cicero's speeches, letters or philosophical works.

*Prerequisite:* LATN 301.

**LATN 322 Vergil (3)**

Selections from the Aeneid will be read.

*Prerequisite:* LATN 301.

**LATN 323 Roman Historiography (3)**

The style and content of Roman historical literature will be studied through readings from one or more of the major historians.

*Prerequisite:* LATN 301.

**LATN 371 Roman Comedy (3)**

Representative plays of Plautus and Terence will be read.

*Prerequisite:* LATN 301.

**LATN 372 Roman Satire (3)**

Survey of Roman satirical literature with emphasis on Horace and Juvenal.

*Prerequisite:* LATN 301.

**LATN 373 Roman Biography (3)**

A study of the Roman biographical tradition with readings from Cornelius Nepos, Tacitus or Suetonius.

*Prerequisite:* LATN 301.

**LATN 390 Special Topics (3)**

Intensive study of a particular author or theme.

*Prerequisite:* LATN 301.

**LATN 490 Seminar: Special Topics in Latin (3)**

Intensive studies designed to supplement or to investigate more fully offerings in the Latin curriculum.

*Prerequisite:* Permission of the instructor.

**LATN 496 Directed Readings (1-3)**

Individually supervised readings in Latin, agreed upon in consultation with the instructor. Credit hours assigned will be determined by the nature and extent of the reading.

*Prerequisite:* Permission of the instructor.

**LATN 498 Independent Study in Latin (1-3)**

Research on a topic to be defined by the individual student in consultation with the instructor, who will direct the project and determine the credit hours to be assigned.

*Prerequisite:* Permission of the instructor.

## Learning Strategies Course

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**EDLS 100 Learning Strategies (0)**

This course covers techniques for becoming a more proficient learner. Focus is on strategies for interpretive thinking: comprehension, analysis, reasoning, problem solving, organization and planning.

*Note:* Credits earned in this course are not applied toward degree requirements.

## Library Course

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**LIBR 105 Resources for Research (1)**

As members of the scholarly community, students are instructed in the skills and strategies needed to locate, evaluate, analyze and apply information resources from a variety of media. The course concentrates on academic library resources and assumes some basic knowledge and understanding of library research.

# Linguistics Courses

## LING 125 Introduction to Language and Linguistics (3)

As an interdisciplinary course, it provides an introduction to language, and the scientific and social aspects of linguistics such as phonology, morphology, syntax, language acquisition, evolution, variation and other applied linguistic topics.

## LING 290 Special Topics in Linguistics (3)

Studies designed to research different linguistic topics. Topics may cover any area of linguistics.

## LING 385 Teaching Latin in Elementary and Middle Schools (3)

Training in the audio-lingual method of teaching simple Latin dialogues; strategies for transferring Latin vocabulary to English; an introduction to selected stories from classical mythology and to certain aspects of Roman culture.

*Note: Although this course may be applied toward a major in Classics, it does not count toward the minimum degree requirement in humanities. This course does not count toward a minor in linguistics; it is not part of the linguistics program.*

## LING 490 Special Topics (3)

The Special Topics in Linguistics course is designed for students who are interested in pursuing an in-depth study of any topic or area of linguistics research.

*Prerequisite:* LING 125 or permission of the instructor.

## LING 498 Independent Study (1-3)

Research on a linguistic issue/topic to be defined by the individual student in consultation with the instructor in the department who will guide the work and determine the number of credit hours to be assigned. A proposal must be submitted and approved by the department prior to registration.

*Prerequisites:* Permission of the instructor and departmental approval prior to registration.

## LING 499 Bachelor's Essay (6)

A year-long research and writing project done in English, during the senior year under the close supervision of a tutor. A project proposal must be submitted and approved. May apply to the minor in linguistics. A proposal must be submitted and approved by the department prior to registration.

*Prerequisite:* Permission of the instructor.

# Management and Entrepreneurship Courses

## MGMT 105 Introduction to Business (3)

This course is for all students of the college who are interested in a survey of the activities that occur in a business institution. The various types and forms of business organizations will be presented and analyzed with special emphasis on the role of the business enterprise in society. Business school majors who have completed or are concurrently enrolled in a 300- or 400-level business, international business, economics or accounting course may not receive credit for this course. This course will not be applied toward the GPA in business, international business, economics or accounting.

## MGMT 210 Career Development (1)

This course employs experiential learning to cover concepts and techniques of career planning and development. Students will examine interview techniques, interviewer biases, selection decision making, employment testing, and person-organization fit. Students will study laws regulating the employment process and principles of career planning.

*Prerequisite:* Sophomore standing.

## MGMT 260 Special Topics in Management (1-3)

An in-depth treatment of a current area of special concern within the field of management.

## MGMT 301 Management & Organizational Behavior (3)

This course approaches management as that process of reaching organizational

goals by working with and through people and other resources. Organizations are treated as dynamic entities affected by individual and group behavior as well as structural and environmental factors. International as well as domestic situations are examined.

*Prerequisite:* Junior standing.

## MGMT 307 Human Resource Management (3)

A review of personnel policy, manpower planning, staffing, training and development, compensation administration and union-management relations.

*Prerequisites:* MGMT 301, junior standing.

## MGMT 308 Managing Diversity (3)

This course will examine demographic diversity in today's global environment. It will begin by exploring global emigration, immigration and refugee issues from an international business perspective. Specific national or regional business cultures and differing perspectives on gender, family, age, ethnicity and treatment of the disabled will also be examined through case studies, readings and role playing. The course will subsequently examine the effects of diversity on international corporate structure and behavior and demonstrate, through case studies and guest speakers, how proactive businesses have adapted to changes in demographic diversity and gained a competitive advantage.

*Prerequisite:* Junior standing.

## MGMT 310 International Human Resources (3)

The study of international human resource management focuses on the impact and expansion of international trade and growth of U.S. multinational operations abroad and the effects on employees. It stresses the ability to understand the forces creating variations of HR systems across nations, culture, labor, governments and unions.

*Prerequisite:* MGMT 307.

## MGMT 319 Creation of New Business Enterprise (3)

This course provides students with an understanding of the business planning techniques – economic analysis, financial

analysis, market analysis, accounting practices and human resource analysis – which are utilized in conceiving and launching a new business. A new venture simulation, which includes self-assessment exercises and a discussion of research concerning successful entrepreneurial characteristics, is completed by all students.

*Prerequisite:* Junior standing.

### **MGMT 325 International Management (3)**

This course examines a variety of managerial issues arising from the interaction of two or more cultures in international business situations. The course extends the management and organizational behavior constructs introduced in the prerequisite course, with particular emphasis on problem solving and decision making in the multicultural firm.

*Prerequisites:* MGMT 301; junior standing.

### **MGMT 332 Business Communications (3)**

This course develops an understanding of the theory of human communication so that one can apply it in an organizational setting requiring both oral and written expression of properly identified and presented decisions. The course content will include intrapersonal, interpersonal and organizational communication theory; principles of human behavior and their application to business communication; and principles involved in the writing of various letters, memos and reports.

*Prerequisite:* Junior standing.

### **MGMT 340 Total Quality Management (3)**

Introduction to Total Quality Management including the critical role of organizational culture, continuous process improvement, statistical process control, and the relationship of TQM to performance, productivity, and profit. Literature and research findings of key contributors will be discussed. The Baldrige Award and ISO 9000 will be examined as benchmarking paradigms for manufacturing and service sectors.

*Prerequisites:* Junior standing; DSCI 232, MGMT 301; MATH 104.

### **MGMT 345 Leadership and Management Development (3)**

An investigation of the factors that determine leadership with special emphasis on the leader's vision. The effectiveness of leaders from a wide variety of disciplines will be examined. Contemporary leaders will be selected in order to apply theories and concepts to current situations that can be easily visualized.

*Prerequisite:* Junior standing.

### **MGMT 350 Business, Leadership, & Society (3)**

This course explores issues that arise in the context of doing business and leading organizations. Specifically, this course helps students see how leaders deal with the many dilemmas they face when making business and organizational decisions, given the organization's internal, competitive, social and global environments. The course covers the leadership issues that arise out of dilemmas of corporate governance and social responsibility as well.

*Prerequisite:* Junior standing.

### **MGMT 351 Minority Entrepreneurship (3)**

This course explores the history and evolution of minority-owned businesses in the United States. Students will become familiar with the benefits and challenges that face minority entrepreneurs within the marketplace. Various elements of business development, operation, and growth will be examined within the context of minority ownership.

*Prerequisite:* Junior standing.

### **MGMT 360 Special Topics in Management (3)**

In-depth treatment of current areas of special concern within the field of management. A maximum of six hours of special topics courses may be applied toward the business major elective requirement.

*Prerequisite:* Junior standing; other prerequisites depending on topic.

### **MGMT 377 Psychology of Entrepreneurship (3)**

Entrepreneurial ventures begin when people recognize and act upon market opportunities. From the time of an initial

business idea to the time a firm is organized, the critical processes involve the psychological characteristics and actions of individuals. This course examines those processes in detail through lectures, discussion, and cases.

*Prerequisites:* Junior standing; PSYC 103 or HONS 163 or MGMT 301; PSYC 211 or DSCI 232

### **MGMT 390 The New South Carolina: Foreign & Domestic Industrial Development (3)**

An in-depth analysis of South Carolina's changing role as a member of the national and international economic scene. The course offers an opportunity to interact with industrial leaders from government, banking, manufacturing, and service areas. The course includes visits to industrial sites in South Carolina.

*Prerequisites:* ECON 200 and 201 or permission of the instructor; junior standing.

### **MGMT 391 The International Corporation: A Comparative Approach (3)**

An introduction to the various levels of operations in the European headquarters of international firms with extensive investments and/or operations in South Carolina. By means of on-site plant and office visitations, participants will examine managerial styles, cultural environments, decision-making techniques and systems and will have opportunities to observe and analyze the management philosophies, practices and outcomes in firms located in the major Western European industrial nations. Application process through the chair of the management and marketing department and Office of International Programs.

*Prerequisites:* ECON 200 and 201 or permission of the instructor; junior standing.

### **MGMT 399 Tutorial (3, Repeatable up to 12)**

Individual instruction given by a tutor in regularly scheduled meetings (usually once a week). The student must take the initiative in seeking a tutor to help in the design and supervision of the project. A maximum of six hours of tutorial courses may be applied toward the business major elective requirement.

*Prerequisites:* Junior standing; permission of the tutor and the chair.

### **MGMT 401 Organizational Behavior & Change (3)**

An experiential learning design for studying the impact individuals, groups and structures have on behavior within the organization for the purpose of applying that knowledge toward improving an organization's effectiveness.

*Prerequisites:* Senior standing; MGMT 301.

### **MGMT 402 Leading Organizational Change (3)**

This course exposes class members to central issues surrounding the reality of implementing large-scale change in organizations. New understandings of organization change, and about you as change agent and recipient, will provide provocative insights into managing everyday work life as well as organizational change programs.

*Prerequisites:* Senior standing; MGMT 301.

### **MGMT 403 Entrepreneurial Leadership (3)**

The course will examine the Entrepreneurial Leadership (EL) factors needed to bring about enterprise transformation or transition from start-up and ongoing operations to what is frequently called enterprise building. Theories and related research will be examined, as will "best" and "worst" practices, using case studies, lectures, and outside speakers.

*Prerequisite:* ENTR 320 or MGMT 345.

### **MGMT 408 Business Policy (3)**

A course for senior business administration majors that draws together the functional areas of business operations: accounting, finance, marketing, human resources, management and production, as a means of developing the students' conceptual and decision-making abilities. Case studies will be used extensively.

*Prerequisites:* Senior standing; ACCT 203, 204, DSCI 232, 304, ECON 200, 201, FINC 303, MGMT 301, MKTG 302, MATH 104, 105.

### **MGMT 420 Independent Study (1-3)**

The student will select a reading or research project in consultation with a faculty member, who will guide the work and determine the hours of credit to be allowed. A maximum of six hours of independent study courses may be applied toward the business major elective requirement.

*Prerequisites:* Junior standing; written agreement with instructor and chair.

### **MGMT 444 Management Internship (3)**

A supplemental source of learning and enhancement to the student's academic program and career objectives through experiential education engaging the student in a unique three-way partnership between an approved agency and the school. The learning experience will be guided by a learning contract outlining specific work and academic components. A maximum of three (3) hours of internship credit will be awarded.

*Prerequisites:* Senior standing and declared major in the School of Business.

### **MGMT 445 Seminar in Entrepreneurship (1)**

This course offers lectures and interaction with a number of entrepreneurs, selected for their entrepreneurial accomplishments, in a small-group setting. Businesses are analyzed and/or developed.

*Co-requisite or prerequisite:* One of MGMT 319, ENTR 320, or ENTR 405.

### **MGMT 499 Bachelor's Essay (3)**

A year-long research and writing project completed during the senior year under the close supervision of a tutor from the school. The student must take the initiative in seeking a tutor to help in both the design and the supervision of the project. A project proposal must be submitted in writing and approved by the school prior to registration for the course.

*Prerequisite:* Senior standing.

## **Marketing and Supply Chain Management Courses**

### **MKTG 260 Special Topics in Marketing (1-3)**

An in-depth treatment of a current area of special concern within the field of marketing.

### **MKTG 302 Marketing Concepts (3)**

This course develops an appreciation for the complexities of establishing and implementing marketing strategies. Areas of study include consumer behavior, product/service mixes, branding and packaging, channels of distribution, pricing, advertising and salesmanship.

*Prerequisites:* ECON 200, 201; junior standing.

### **MKTG 320 Marketing Research (3)**

A course that establishes the relationship between models, information systems and marketing decisions. The practical application of behavioral and statistical methods for the purpose of obtaining and analyzing relevant marketing information will also be examined.

*Prerequisites:* ECON 200, 201, MATH 104, DSCI 232, MKTG 302; junior standing.

### **MKTG 326 International Marketing (3)**

Marketing on an international scale with stress upon the viewpoint of the marketing manager who must recognize and cope with differences in legal, economic, spatial and cultural elements in different nations. Emphasis is placed on marketing techniques and methods of expanding participation in foreign markets.

*Prerequisites:* MKTG 302, ECON 200 and 201; junior standing.

### **MKTG 328 Retailing Management (3)**

This course deals with that part of the distribution process called retailing. Topics include retail environment, location and store design, merchandise planning and control, selecting merchandise resources, pricing, sales



promotion and display and customer service.

*Prerequisites:* MKTG 302, ECON 200 and 201; junior standing.

### **MKTG 329 Consumer Behavior (3)**

The objectives of this course are to: 1) provide students with an understanding of the various theories of consumer behavior and their practical applications, 2) expose students to the basic process and underlying principles of experimentation and 3) develop an appreciation among students for the significant influence marketing has on our purchasing behavior and, more generally, the lifestyle decisions we make.

*Prerequisites:* ECON 200, 201, MKTG 302; junior standing.

### **MKTG 330 Advertising (3)**

The role of advertising in a free economy and its place in the media of mass communications. Areas of study will include advertising appeals, product research, selection of media, testing of advertising effectiveness and the dynamics of the advertising profession.

*Prerequisites:* MKTG 302, ECON 200, 201; junior standing.

### **MKTG 331 Public Relations (3)**

The course identifies and examines the principles and practices in the relations of an organization with its internal and external publics, with emphasis on communication; and explores the role of public relations in decision making, external financial reporting and public policy information.

*Prerequisite:* Junior standing.

### **MKTG 333 Purchasing & Supply Chain Management (3)**

The planning, organization, operation, and evaluation of the procurement function, and the acquisition and management of materials. Emphasis areas include quality and quantity considerations, supplier selection decisions, pricing policies, legal and ethical implications and standards and measurement of performance.

*Prerequisite:* Junior standing.

### **MKTG 360 Special Topics in Marketing (1-3)**

In-depth treatment of current areas of special concern within the field of marketing. A maximum of six hours of special topics courses may be applied toward the business major elective requirement.

*Prerequisites:* Junior standing; other prerequisites depending on topic.

### **MKTG 399 Tutorial (3, Repeatable up to 12)**

Individual instruction given by a tutor in regularly scheduled meetings (usually once a week). The student must take the initiative in seeking a tutor to help in the design and supervision of the project. A maximum of six hours of tutorial courses may be applied toward the business major elective requirement.

*Prerequisites:* Junior standing; permission of the tutor and the chair.

### **MKTG 420 Independent Study (1-3)**

The student will select a reading or research project in consultation with a faculty member, who will guide the work and determine the hours of credit to be allowed. A maximum of six hours of independent study courses may be applied toward the business major elective requirement.

*Prerequisites:* Junior standing; written agreement with instructor and chair.

### **MKTG 425 Marketing Management (3)**

A course for upper-level marketing students that involves them in realistic decision-making environments. The course will include descriptions of actual marketing situations permitting further familiarization with marketing principles and methods as they are employed in various industries.

*Prerequisites:* MKTG 302, MKTG 320, MKTG 329; ECON 200 and 201; junior standing.

### **MKTG 444 Marketing Internship (3)**

A supplemental source of learning and enhancement to the student's academic program and career objectives through experiential education engaging the student in a unique three-way partnership between an approved agency and the school. The learning experience will be guided by a learning contract outlining specific work and academic components.

A maximum of three (3) hours of internship credit will be awarded.

*Prerequisites:* Senior standing and declared major in the School of Business.

### **MKTG 499 Bachelor's Essay (6)**

A year-long research and writing project completed during the senior year under the close supervision of a tutor from the school. The student must take the initiative in seeking a tutor to help in both the design and the supervision of the project. A project proposal must be submitted in writing and approved by the school prior to registration for the course.

*Prerequisite:* Senior standing.

## **Mathematics Courses**

### **Mathematics Note**

Before enrolling in a mathematics course, all entering students are advised to consult with their major academic advisor, the Academic Advising and Planning Center, or a member of the Department of Mathematics.

### **MATH 101 College Algebra (3)**

A course that emphasizes algebraic functions. Topics include algebraic equations and inequalities, and the properties and graphs of algebraic functions. F, S, Su.

*Note:* Credit hours earned in this course may not be applied toward minimum degree requirements in mathematics/ logic. Students who have completed MATH 105, 111, 120 or HONS 115 may not subsequently receive credit toward graduation for MATH 101.

### **MATH 103 Contemporary Mathematics with Applications (3)**

A course designed to introduce students to a variety of mathematical topics and applications, including mathematical logic, counting methods and combinatorics. Additional topics may include graph theory, set theory, voting and apportionment, geometry, financial mathematics, and management science. Primarily intended for students who are not planning to take more advanced mathematics courses. F, S, Su.

*Prerequisite:* MATH 101 or placement.

**MATH 104 Elementary Statistics (3)**

Probability concepts, descriptive statistics, binomial and normal distributions, confidence intervals and tests of hypotheses. F, S, Su.

*Prerequisite:* MATH 101 or placement.

*Note:* Students may not receive credit for MATH 104 after having received credit for a higher-level statistics or probability course.

**MATH 105 Calculus for Business and Social Sciences (3)**

A one-semester course designed to introduce the basic concepts of calculus to students who are not majoring in mathematics or the natural sciences. Emphasis will be on applications of calculus to various disciplines. Not intended for those who plan to take additional calculus courses. F, S, Su.

*Prerequisite:* MATH 101 or placement.

*Note:* Students who complete MATH 120 or HONS 115 may not subsequently receive credit toward graduation for MATH 105, MATH 120, and HONS 115. (See Course Repeat Policy)

**MATH 111 Pre-Calculus Mathematics (4)**

A course that emphasizes the function concept. Topics include graphs of functions, the algebra of functions, inverse functions, the elementary functions and inequalities. F, S, Su.

*Prerequisite:* Placement or C- or better in MATH 101

*Note:* Students who complete MATH 120 or HONS 115 may not subsequently receive credit toward graduation for MATH 111. (See Course Repeat Policy)

**MATH 120 Introductory Calculus (4)**

This introductory calculus course for students in mathematics and the natural sciences includes the calculus of algebraic, trigonometric, exponential and logarithmic functions. Topics will include limits and continuity, derivatives, the Mean Value Theorem, applications of derivatives, the Riemann integral and the Fundamental Theorem of Calculus. A thorough knowledge of precalculus concepts will be assumed. F, S, Su.

*Prerequisite:* Placement or C- or better in MATH 111

*Note:* Students who complete MATH 120 may not subsequently receive credit for MATH 105.

**MATH 121 Introductory Calculus Laboratory (1)**

Laboratory to accompany MATH 120. Students will be introduced to using modern computer algebra systems implemented on digital computers to develop a deeper understanding of calculus concepts and applications. The topics covered will closely follow those of MATH 120: limits, derivatives, integrals and the fundamental theorem of calculus.

*Co-requisite or prerequisite:* MATH 120.

**MATH 203 Linear Algebra (3)**

Systems of linear equations, vector spaces, linear dependence, bases, dimension, linear mappings, matrices, determinants and quadratic forms. F, S, Su.

*Prerequisite:* MATH 220 or permission of the instructor.

**MATH 207 Discrete Structures I (3)**

Theoretical concepts applicable to the theory of computing. Topics covered will be from the areas of formal logic and proofs, sets, matrix algebra, counting and Boolean algebra. F, S.

*Prerequisite:* MATH 105, 111, or 120.

**MATH 220 Calculus II (4)**

The continuation of MATH 120, covering techniques and applications of integration, parametrized curves and polar coordinates, infinite sequences and series, power series and Taylor's Theorem. F, S, Su.

*Prerequisite:* MATH 120 or HONS 115

*Note:* Students may not receive credit toward graduation for both MATH 220 and HONS 215.

**MATH 221 Calculus III (4)**

Geometry of two- and three-dimensional spaces, limits and continuity of functions of several variables, vector-valued functions, partial derivatives, directional derivatives, Lagrange multipliers, multiple integrals, line integrals, Green's theorem and surface integrals. F, S.

*Prerequisite:* MATH 220.

**MATH 245 Numerical Methods and Mathematical Computing (3)**

Mathematical methods for computing numerical solutions to various problems will be studied, together with computer

software for applying these methods, both interactively and by writing programs. Topics covered will include the effects of rounding and error in machine arithmetic, methods for finding roots, numerical differentiation and integration and approximation of functions. F.

*Prerequisite:* MATH 203, 220, or permission of the instructor.

*Co-requisite:* MATH 246.

**MATH 246 Mathematical Computing and Programming Laboratory (1)**

A laboratory course intended to accompany MATH 245. Students will be introduced to a modern software environment for interactive mathematical computation and programming. Laboratory exercises designed to be completed within the scheduled 150 minutes of laboratory time will be assigned each week. Additional programming assignments to be completed outside the laboratory will also be given. Laboratory meets three hours per week. F.

*Prerequisite:* MATH 220 or permission of the instructor.

**MATH 250 Statistical Methods I (3)**

Course topics will include descriptive statistics, probability, probability distributions, estimation, hypothesis testing, correlation and simple linear regression. Statistical quality control, analysis of variance and other topics will be introduced as time permits. A statistics software package will be used. F, S, Su.

*Prerequisite:* Either MATH 111, 120, or permission of the instructor.

**MATH 295 An Introduction to Abstract Mathematics (3)**

This course is intended to provide a transition from the calculus sequence to more advanced courses requiring an ability to do proofs. Topics include elementary propositional logic, set theory, mathematical induction, functions and relations. F, S.

*Prerequisite:* MATH 203 or 221.

**MATH 303 Abstract Algebra I (3)**

An introduction to algebraic structures. Topics will include groups, rings and fields. S.

*Prerequisites:* MATH 203 and 295.

**MATH 305 Elementary Number Theory (3)**

An introduction to number theory, including divisibility, primes, the fundamental theorem of arithmetic, arithmetic functions and congruencies. Additional topics from these areas, as well as diophantine equations and the theory of real numbers, will be included as time permits. Designed to extend the student's abilities to read mathematics and write proofs.

*Prerequisite:* MATH 295 or permission of the instructor.

**MATH 307 Discrete Structures II (3)**

A continuation of MATH 207, including topics from graph theory, trees and relations. If time permits, additional topics may be chosen from finite automata and languages. F. S.

*Prerequisite:* MATH 207 or 295 or permission of instructor

**MATH 311 Advanced Calculus (3)**

The theoretical underpinnings of the calculus of functions from  $\mathbb{R}$  to  $\mathbb{R}$ . Topics will include sequential limits, the completeness of  $\mathbb{R}$  and related theorems (Heine-Borel, Bolzano-Weierstrauss, etc.), function limits, continuity and uniform continuity, differentiability, Riemann integrability and the Fundamental Theorem of Calculus. F.

*Prerequisites:* MATH 221 and 295.

**MATH 315 Introduction to Complex Variables (3)**

An introductory course in complex variables with applications, beginning with complex numbers and continuing through the calculus of complex analytic functions, extending to the complex number system what has been learned thus far from the calculus on the real number system. S.

*Prerequisite:* MATH 221, with a minimum grade of 'C'.

**MATH 320 History of Mathematics (3)**

Number systems, historical problems of geometry, development of modern concepts in algebra, analytic geometry and calculus. S.

*Prerequisite:* MATH 295.

**MATH 323 Differential Equations (3)**

An introductory course designed to acquaint students with methods used in computing and analyzing the quantitative and qualitative behavior of solutions of ordinary differential equations.

Applications of ordinary differential equations will also be discussed. Among the topics to be covered are: first-order and higher-order linear equations, simple numerical methods, the Laplace transform, eigenvalue techniques, systems of equations and phase plane analysis. F, S, Su.

*Prerequisites:* MATH 221 and either 203 or permission of the instructor.

**MATH 340 Axiomatic Geometry (3)**

An axiomatic development of Euclidean geometry, with topics from non-Euclidean geometry and projective geometry as time allows. F.

*Prerequisite:* MATH 295 or permission of the instructor.

**MATH 350 Statistical Methods II (3)**

Statistical methods with topics selected from regression, correlation, analysis of variance, nonparametric statistics, and other models.

*Prerequisites:* MATH 120 and MATH 250.

**MATH 397 Research Experience Mathematics (0, Repeatable)**

A student works under faculty supervision to learn a research method, to explore possible research topics, or to continue an ongoing study. The faculty member helps the student to determine the course goals and objectives, and supervises the execution of project. The student will provide a written report to the faculty at the end of the semester. Students will receive a grade of "S" (satisfactory) or "U" (unsatisfactory) for the course.

*Prerequisites:* Only majors may take a Zero Credit Research course. Permission of the instructor and approval of the department chair.

**MATH 399 Tutorial (3, Repeatable up to 12)**

Individual instruction given by a tutor in regularly scheduled meetings (usually once a week).

*Prerequisites:* Junior standing, plus permission of the tutor and the department chair.

**MATH 401 Introduction to Point Set Topology (3)**

Introductory concepts, topologies and topological spaces, functions, continuity, homeomorphisms, connected spaces, compact spaces and applications of topology in analysis.

*Prerequisite:* MATH 311.

**MATH 402 Advanced Linear Algebra (3)**

A one-semester course that provides the linear algebra background necessary for a variety of applied fields. Topics include vector spaces, linear transformations, matrices, matrix factorizations, matrix norms, determinants, eigenvalues and diagonalization, bilinear forms, orthogonal and unitary transformations, Jordan canonical form. Application topics will be selected by the instructor.

*Prerequisites:* MATH 203 and at least one of MATH 303 and MATH 311.

**MATH 403 Abstract Algebra II (3)**

This course is a continuation of MATH 303. Topics will be chosen from rings, fields, ideals, factor rings, extension fields, automorphisms and Galois Theory. F.

*Prerequisite:* MATH 303.

**MATH 411 Advanced Calculus II (3)**

The sequel to MATH 311, intended to prepare students for graduate study in measure theory and other analysis. Topics may include topological concepts in  $\mathbb{R}^n$ , the calculus of multivariate and vector-valued functions, power series and uniform convergence, the Weierstrauss Approximation Theorem and generalizations of the Riemann integral. S.

*Prerequisites:* MATH 203 and 311.

**MATH 415 Complex Analysis (3)**

The complex number system, analytic functions, integration, power series, residue theory, analytic continuation and conformal mapping.

*Prerequisite:* MATH 311.

**MATH 417 Reading and Research (1-3)**

Directed reading in mathematics. Open to qualified seniors with permission of the Department of Mathematics. A student may take this course for one or two semesters, earning one to three hours credit each semester. Credit value in each case will be determined by the type of problem considered.

*Prerequisites:* Senior standing and permission of the instructor and department chair.

**MATH 418 Reading and Research (1-3)**

Directed reading in mathematics. Open to qualified seniors with permission of the Department of Mathematics. A student may take this course for one or two semesters, earning one to three hours credit each semester. Credit value in each case will be determined by the type of problem considered.

*Prerequisites:* Senior standing and permission of the instructor and department chair.

**MATH 421 Vector and Tensor Analysis (3)**

A systematic development of the differential and integral calculus of vector and tensor functions, followed by a brief introduction to differential geometry and the mathematics of theoretical physics.

*Prerequisite:* MATH 311.

**MATH 423 Introduction to Partial Differential Equations (3)**

Study of heat, potential, and wave equations in rectangular, polar and cylindrical coordinate systems. Separation of variables and eigenfunction expansion techniques. Sturm-Liouville theory. F.

*Prerequisites:* MATH 221 and 323.

**MATH 430 Mathematical Statistics I (3)**

This is a calculus based probability and statistics course. Topics will include probability functions and densities, mathematical expectations, sums of random variables, and sampling distributions. F.

*Prerequisite:* MATH 221.

**MATH 431 Mathematical Statistics II (3)**

This course is the sequel to MATH 430. Topics will include estimation, decision

theory, regression, correlation, hypothesis testing and ANOVA. S.

*Prerequisite:* MATH 430.

**MATH 440 Statistical Learning I (3)**

Introduction to various approaches to statistical learning including empirical processes, classification and clustering, nonparametric density estimation and regression, model selection and adaptive procedures, bootstrapping and cross-validation. F.

*Prerequisites:* MATH 203, 220, and 350.

**MATH 441 Statistical Learning II (3)**

Neural networks, nearest neighbor procedures, Vapnik Chervonenkis dimension, support vector machines, structural risk minimization induction, regularization methods and boosting and bagging in classification and regression. S.

*Prerequisite:* MATH 440.

**MATH 445 Numerical Analysis (3)**

Topics include numerical methods for solving ordinary differential equations, direct methods and iterative methods in numerical linear algebra and selected topics in functions of several variables. S.

*Prerequisites:* MATH 203, 245, and 323.

**MATH 451 Linear Programming and Optimization (3)**

An introduction to deterministic models in operations research. Topics include linear programming, network analysis, dynamic programming and game theory.

*Prerequisites:* MATH 203, 221, and CSCI 220 or MATH 245, or permission of the instructor.

**MATH 452 Operations Research (3)**

An introduction to probabilistic models in operations research. Topics include queueing theory, applications of Markov chains, simulation, integer programming and nonlinear programming. eS.

*Prerequisites:* MATH 203, 430 and CSCI 220 or MATH 245.

**MATH 455 Bayesian Statistical Methods (3)**

Posterior distributions using observed data are calculated and used for inferences about model parameters. Classical statistical methods are compared with the Bayesian methods and

classical models such as linear regression, ANOVA, and generalized linear models are extended to include the Bayesian paradigm. Monte Carlo methods, Gibbs sampling and Metropolis-Hastings algorithms.

*Prerequisite:* MATH 430.

**MATH 470 Mathematical Modeling (3)**

An introduction to the theory and practice of building and studying mathematical models encountered in the physical, social, life, and management sciences. The course will discuss discrete, continuous, and probabilistic models. Topics may include iterated maps, population models, phase space analysis of dynamical systems, stability of solutions, bifurcations, chaos, random simulations, data analysis, Markov chains, game theory, graph theory, and voting theory.

*Prerequisites:* MATH 203, MATH 323, and MATH 246 or CSCI 220, or permission of the instructor. MATH 430 is recommended.

**MATH 475 Statistical Consulting (3)**

This course provides statistics students with the opportunity to apply statistical methods of data analysis to practical problems coming from actual clients, both students and professors from other disciplines as well as business and industry clients from the Charleston area.

*Prerequisites:* MATH 350 and one elective from the following list: MATH 440, MATH 441, MATH 451, MATH 452, CSCI 334.

**MATH 480 Topics in Applied Mathematics (3)**

A semester course on an advanced topic in applied mathematics.

*Prerequisite:* Permission of the instructor.

*Note:* Since the content changes, this course may be repeated for credit.

**MATH 485 Topics in Pure Mathematics (3)**

A semester course on an advanced topic in pure mathematics.

*Prerequisite:* Permission of the instructor.

*Note:* Since the content changes, this course may be repeated for credit.

**MATH 490 Practicum in Mathematics (3)**

This course is intended to give students real-world experiences in applications of mathematics through internships, case studies or projects undertaken by small groups of students under faculty supervision or the joint supervision of a faculty member and an industrial mathematician. It is the student's responsibility to submit a written practicum proposal to the applied mathematics committee in the semester prior to that in which the practicum is to be done (normally in the senior year). Reports will be submitted by the students describing and analyzing their internships or projects.

*Prerequisites:* Senior standing and permission of the instructor and department chair.

**MATH 495 Capstone in Mathematics (3)**

Review of the core curriculum and foundations of mathematics. Readings will be taken from advanced texts, surveys and student-oriented journals. Emphasis on presentation of mathematics both orally and in writing. Weekly written assignments, a term paper and at least one oral presentation are required. S.

*Prerequisites:* Completion of other core courses and senior standing or permission of the department chair.

**MATH 499 Bachelor's Essay (3)**

A year-long research and writing project done during the senior year under the close supervision of a tutor from the department. The student must take the initiative in seeking a tutor to help in both the design and the supervision of the project. A project proposal must be submitted in writing and approved by the department prior to registration for the course.

*Prerequisite:* Permission of the instructor and department chair.

## Middle Grade Education Courses

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**EDMG 415 Middle School Organization and Curriculum (3)**

This course is designed as an overview of the basic aspects of middle grades education including middle level philosophy, student development and diversity, organizational attributes of middle grades settings, curriculum, instruction, assessment, instructional planning, classroom management, involvement of family and community and professional development.

## Music Courses

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**MUSC 131 Music Appreciation (3)**

Introduction to the fundamentals of music necessary for intelligent listening. Musical terminology and historical data are presented as needed, but central to the course is the development of more perceptive listening habits through guided listening to a variety of works.

**MUSC 146 Fundamentals of Music (3)**

A study of the basics of music notation and its realization. Includes a study of scales, key signatures, intervals, rhythmic notation and chord construction. Sight-singing of simple melodies and ear training will also be included.

*Note: This course does not satisfy the humanities requirement.*

**MUSC 147 Fundamentals of Music II (3)**

A continuation of MUSC 146. Harmonization of simple melodies, a study of non-harmonic tones, cadences, introduction to figured bass and harmonic analysis. Sight-singing and ear training will be a major part of the course.

*Prerequisite:* MUSC 146.

*Note: This course does not satisfy the humanities requirement.*

**MUSC 222 Special Topics for Non-Majors (3)**

This course is a series of special topics courses designed for the non-music major. Course topics will change from

semester to semester and will remain broad so as not to require an extensive background in music. The ability to read music is not required. Like MUSC 131, MUSC 222 is accepted as a humanities credit.

**MUSC 230 Masterworks of Music Literature (3)**

A study of representative compositions by master composers from 1700 to the present. No technical knowledge of music is required, but some familiarity with classical music is helpful.

*Prerequisite:* MUSC 131 or permission of the instructor.

**MUSC 232 History of Popular Music in the United States (3)**

An outline of the history of popular music in the U.S., beginning with the minstrel shows of the 1840s and continuing through the 1960s. The course will identify three revolutions in popular music: Early popular music (1840s–1900); the modern era of popular music (1900–on); the rock 'n' roll era (mid-1950s–on). The course will examine those cultural traditions that blended together to shape our history of popular music.

**MUSC 238 Music Theory Lab I (1)**

The study of musical scales, intervals, and key signatures utilizing sight-singing, ear training and keyboard exercises. Laboratory three hours per week. Should normally be taken by majors concurrently with MUSC 246.

**MUSC 239 Music Theory Lab II (1)**

Continuation of MUSC 238 with more ear training and sight-singing and beginning of four-part harmonic dictation. Laboratory three hours per week.

*Prerequisite:* MUSC 238 or permission of the instructor. Should normally be taken by majors concurrently with MUSC 247.

**MUSC 240 Phonetics for Singers (3)**

The pronunciation of Italian, German and French through the learning and use of the International Phonetic Alphabet. Students learn to transcribe the orthographic letters of the languages studied into IPA symbols, using these symbols as the key to correct pronunciation.

**MUSC 246 Music Theory I (3)**

A study of tonal music theory including a review of music fundamentals, construction and analysis of triads and seventh chords, four-part writing including first and second inversions, and the basics of musical form. Majors should take MUSC 238 concurrently.

*Prerequisite:* Permission of the instructor or music faculty representative.

**MUSC 247 Music Theory II (3)**

A continuation of MUSC 246. Further study of tonal music including non-chord tones, diatonic seventh chords, secondary functions, modulations using common chords and other modulatory techniques, and a brief examination of larger musical forms.

*Prerequisites:* MUSC 246 and 238 or permission of the instructor.

**MUSC 337 Opera Literature (3)**

A study of selected operas by composers of the 18th to 20th centuries.

*Prerequisite:* MUSC 131 or 230 or permission of the instructor.

**MUSC 338 Music Theory Lab III (1)**

Consists of keyboard harmony exercises, a review at the keyboard of material presented in Theory I, as well as sight-singing and dictation. Laboratory three hours per week.

*Prerequisite:* MUSC 239 or permission of the instructor.

**MUSC 339 Music Theory Lab IV (1)**

Advanced projects in analysis, keyboard skills, diction and/or ear training. A review of skills from previous theory and theory lab courses, tailored to the needs of the student enrolled. Laboratory three hours per week.

*Prerequisite:* MUSC 338 or permission of the instructor.

**MUSC 345 Jazz Theory (3)**

A study of the harmonic practice of jazz music. Investigation of standard harmonic structures and their uses, as well as standard symbols and terminology. Historical perspective from the bebop era through the present. Discussion of modern trends. Written assignments to augment lectures.

**MUSC 347 History of Jazz (3)**

A study of the historical, cultural, and musical significance of jazz and the major trends and styles of jazz, with attention to the most important performers in this idiom.

**MUSC 348 Music in America (3)**

A survey of music in American culture from Colonial times to the present, with particular attention to the social setting for American music and the influence of European and African cultures on American music. The course will involve listening to and discussing representative compositions by American composers. In the first part of the course, particular attention will be paid to Charleston as a musical center before 1860.

*Prerequisite:* MUSC 131 or any course in American history or literature would be helpful.

**MUSC 349 Jazz Arranging (3)**

The course will be comprised of the study of writing and arranging music for a large jazz ensemble, with a secondary emphasis on learning music manuscript software.

*Prerequisite:* MUSC 345 or permission of instructor

**MUSC 351 Seminar in Music Composition (3)**

Composition with adherence to strict forms and creative writing in various forms and media.

*Prerequisite:* MUSC 247.

**MUSC 352 Seminar in Music Composition II (3)**

Continuation of creative work begun in Music Composition I, with analysis emphasis on larger 20th century works. The student's final project will be presented in a public performance of the composition.

*Prerequisite:* MUSC 351.

**MUSC 374 Seminar in Orchestration (3)**

A systematic study of the orchestra, starting with the ranges, timbres, idiosyncrasies, capabilities, and extended techniques of orchestral instruments, and continuing onto developing orchestral writing technique, exploring the creative aspect of orchestration as an inherent part of the compositional process. Class

projects will be performed by the College orchestra.

*Prerequisites:* Declared music major or minor; MUSC 246 and MUSC 247

*Co- or Prerequisites:* MUSC 481 and MUSC 482

*NOTE: Recommended that students take MUSC 481 and MUSC 482 prior to enrollment in MUSC 374.*

**MUSC 381 Music History I (3)**

A study of music in Western European society between 400 A.D. and 1700 A.D. Medieval, Renaissance, and early Baroque styles of music, as seen in representative compositions and composers. Extensive listening to selected compositions and analysis of them, with attention to performance practice and the place of music in the society of the period.

*Prerequisite:* MUSC 247 or permission of the instructor.

**MUSC 382 Music History II (3)**

A study of music in Western European society in the 18th and 19th centuries. Music of the late Baroque masters, Classical period and Romantic period. Extensive listening to selected compositions and analysis of them, with attention to performance practice and the place of music in the society of the period.

*Prerequisite:* MUSC 381 or permission of the instructor; for minors in music, MUSC 246 is the prerequisite.

**MUSC 399 TUTORIAL (3, Repeatable up to 12)**

Individual instruction given by a tutor in regularly scheduled meetings (usually once a week).

*Prerequisites:* Junior standing, plus permission of the tutor and the department chair.

**MUSC 438 Music Theory Lab V (1)**

Advanced ear training covering modulation, chromatic harmony, and advanced rhythm in the form of keyboard exercises, dictations, sight singing, and transcription. Laboratory three hours per week.

*Prerequisite:* MUSC 339 or permission of instructor

*NOTE: Repeatable up to 2 credit hours.*

**MUSC 439 Music Theory Lab VI (1)**

Advanced ear training cover modes, atonality, extended harmony and other 20th century techniques, as well as the advanced rhythm, in the form of keyboard exercises, dictations, sight singing, and transcription. Laboratory three hours per week.

*Prerequisite:* MUSC 438 or permission of instructor

*NOTE:* Repeatable up to 2 credit hours.

**MUSC 444 Seminar: Selected Topics in Music History (3)**

Concentrated investigation in various subjects in music literature as announced each semester. Possible topics are the music of a particular composer; a study of Baroque ornamentation as realized in performance practice; or iconography (visual arts in music research), including a survey of archives or prints, discussion of paintings, etc., on musical subjects, and the use of iconography in research.

*Prerequisite:* Permission of the instructor.

**MUSC 445 Senior Independent Study: Music History (3 or 6)**

Students who have taken an appropriate sequence of preparatory courses in one area or problem of music history determine a project in consultation with a department member qualified to guide and judge the work.

*Prerequisites:* Open to juniors or seniors, with an overall GPA of at least 2.75 and a music GPA of at least 3.3, with the permission of the department.

**MUSC 460 Senior Independent Study in Music Theory or Composition (3 or 6)**

Large-scale project investigating a specific problem in theory, or a significant musical composition. May be repeated for a second semester if the scope of the project warrants it, or if an additional topic is selected.

*Prerequisites:* MUSC 352 or permission of the instructor; an overall GPA of at least 2.75 and permission of the department.

**MUSC 481 Music Theory III (3)**

A continuation of MUSC 247. Further study of tonal music and an introduction to tonal and non-tonal techniques of the 20th Century. Topics include mode

mixture, the Neapolitan Chord, augmented sixth chords, enharmonic modulations, counterpoint, pentatonic and synthetic scales, quartal harmony, twelve-tone serialism, and other modern techniques.

*Prerequisite:* MUSC 247.

**MUSC 482 Music Theory IV (3)**

A continuation of MUSC 481. A study of representative examples of music from the common practice period and 20th Century with an emphasis on form and analysis. Topics include formal analysis, contrapuntal techniques, harmonic trends, instrumentation and orchestration, and the development of genres.

*Prerequisite:* MUSC 481.

**MUSC 499 Bachelor's Essay (6)**

A year-long research and writing project done during the senior year under the close supervision of a tutor from the department. Students must take the initiative in seeking a tutor to help in both the design and supervision of their project. A project proposal must be submitted in writing and approved by the department prior to registration for the course.

## Music - Practice and Performance Courses

**MUSC 121 Class Piano I (1)**

Class instruction for beginning piano students with an emphasis on note reading and use of functional (chordal) harmony. Limited enrollment by audition.

**MUSC 122 Class Piano II (1)**

Continuation of MUSC 121.

*Prerequisite:* MUSC 121 or permission of the instructor.

**MUSC 123 Class Voice (1)**

The study of the voice for those with little or no previous vocal or musical training. Instruction dealing with interpretation, and vocal technique in English and foreign languages.

**MUSC 161 Concert Choir (1, Repeatable up to 8 Credits)**

The study and performance of choral music, both sacred and secular, from the Renaissance to the 20th century. Laboratory three hours per week.

*Prerequisite:* Permission of the instructor.

*Note:* No more than 8 credit hours from any combination of ensembles or concert choir may be earned and applied towards graduation requirements.

**MUSC 292 Repertory Class: Voice (1)**

A master class format in which students and faculty perform, critique and discuss various aspects of musical performance such as technique, interpretation and performance practice.

**MUSC 293 Repertory Class: Brass (1)**

A master class format in which students and faculty perform, critique and discuss various aspects of musical performance such as technique, interpretation and performance practice.

**MUSC 294 Repertory Class: Woodwinds (1)**

A master class format in which students and faculty perform, critique and discuss various aspects of musical performance such as technique, interpretation and performance practice.

**MUSC 295 Repertory Class: Jazz (1)**

A master class format in which students and faculty perform, critique and discuss various aspects of musical performance such as technique, interpretation and performance practice.

**MUSC 296 Repertory Class: Strings (1)**

A master class format in which students and faculty perform, critique and discuss various aspects of musical performance such as technique, interpretation and performance practice.

**MUSC 297 Repertory Class: Guitar (1)**

A master class format in which students and faculty perform, critique and discuss various aspects of musical performance such as technique, interpretation and performance practice.

**MUSC 298 Repertory Class: Piano (1)**

A master class format in which students and faculty perform, critique and discuss various aspects of musical performance

such as technique, interpretation and performance practice.

### **MUSC 353 Wind Ensemble**

The study and performance of standard concert band literature. Open to all students, music majors and non-majors.

*Prerequisite:* Permission of the instructor  
*Note:* No more than eight credit hours from any combination of ensembles or concert choir may be applied toward graduation requirements.

### **MUSC 354 Orchestra (1)**

The study and performance of orchestral literature.

*Prerequisite:* Permission of the instructor.

*Note:* No more than eight credit hours from any combination of ensembles or concert choir may be applied toward graduation requirements.

### **MUSC 355 Ensemble: Chamber Music (1)**

The study and performance of chamber ensemble literature written for various combinations of voices and/or instruments.

*Prerequisite:* Permission of the instructor.

*Note:* No more than eight credit hours from any combination of ensembles or concert choir may be applied toward graduation requirements.

### **MUSC 356 Ensemble: Early Music (1)**

The study and performance of ensemble literature from the Middle Ages and Renaissance.

*Prerequisite:* Permission of the instructor.

*Note:* No more than eight credit hours from any combination of ensembles or concert choir may be applied toward graduation requirements.

### **MUSC 357 Ensemble: Guitar (1)**

The study and performance of chamber ensemble literature written for various combinations of voices and/or instruments and guitar.

*Prerequisite:* Permission of the instructor.

*Note:* No more than eight credit hours from any combination of ensembles or concert choir may be applied toward graduation requirements.

### **MUSC 358 Pep Band (1)**

A 30-member ensemble that provides entertainment at basketball games and other College functions.

*Prerequisite:* Permission of the instructor.

*Note:* No more than eight credit hours from any combination of ensembles or concert choir may be applied toward graduation requirements.

### **MUSC 359 Ensemble: Jazz Combo (1)**

The study and performance of improvisation in a seven-piece jazz combo, graded from beginning to advanced.

*Prerequisite:* Permission of the instructor.

*Note:* No more than eight credit hours from any combination of ensembles or concert choir may be applied toward graduation requirements.

### **MUSC 360 Reading Band (1)**

The study and performance of large ensemble jazz works with an emphasis on developing sightreading skills.

*Note:* No more than eight credit hours from any combination of ensembles or concert choir may be applied toward graduation requirements.

### **MUSC 363 Ensemble (1)**

The study and performance of literature written for various combinations of instruments.

*Prerequisite:* Permission of the instructor

*Note:* No more than eight credit hours from any combination of ensembles or concert choir may be applied toward graduation requirements.

### **MUSC 364 Ensemble: Madrigal Singers (1)**

The study and performance of choral literature from the Middle Ages and Renaissance as well as modern works written for chamber choir.

*Prerequisite:* Permission of the instructor.

*Note:* No more than eight credit hours from any combination of ensembles or concert choir may be applied toward graduation requirements.

### **MUSC 365 Ensemble: Gospel Choir (1)**

The study and performance of traditional hymns, spirituals and popular contemporary gospel literature.

*Note:* No more than eight credit hours from any combination of ensembles or concert choir may be applied toward graduation requirements.

### **MUSC 366 Musical Theatre Workshop (1)**

The study and performance of musical theatre literature.

*Prerequisite:* Permission of the instructor.

*Note:* No more than eight credit hours from any combination of ensembles or concert choir may be applied toward graduation requirements.

### **MUSC 367 Opera/Musc Thtr Workshop (1)**

The study and performance of scenes from opera and musical theatre.

*Prerequisite:* Permission of the instructor.

*Note:* No more than eight credit hours from any combination of ensembles or concert choir may be applied toward graduation requirements.

### **MUSC 370 Conducting I (2)**

The study of fundamental principles of conducting, both choral and instrumental, including basic beat patterns, hand and baton technique, interpretation, score reading and rehearsal techniques. Lectures two hours per week.

*Prerequisite:* MUSC 246.

### **MUSC 371 Conducting II (2)**

The study of fundamental principles of conducting, both choral and instrumental, including basic beat patterns, hand and baton technique, interpretation, score reading and rehearsal techniques. Lectures two hours per week.

*Prerequisite:* MUSC 370.

### **MUSC 475 Independent Study in Music Performance (3 or 6)**

Students who have taken an appropriate sequence of preparatory courses in one area or problem of music performance determine a project in consultation with a department member qualified to guide and judge the work.

*Prerequisites:* Students must be juniors or seniors, with overall GPAs of at least 2.75 and music GPAs of at least 3.3, and must have permission of the department.











completed eight hours of applied music at the 200 level and who have not passed a junior-standing jury. Private lessons are 30 minutes (1 credit hour) or 60 minutes (2 credit hours) per week. The fee for this course is \$225 per credit hour in addition to regular tuition charges.

*Prerequisite:* An audition is held at the beginning of each term.

**MUSP 376 Applied Music: Jazz Flute (1 or 2, Repeatable up to 8 Credits in Any One Area)**

Individual lessons in voice or instrumental music for students who have completed eight hours of applied music at the 200 level and who have not passed a junior-standing jury. Private lessons are 30 minutes (1 credit hour) or 60 minutes (2 credit hours) per week. The fee for this course is \$225 per credit hour in addition to regular tuition charges.

*Prerequisite:* An audition is held at the beginning of each term.

**MUSP 377 Applied Music: Jazz Trumpet (1 or 2, Repeatable up to 8 Credits in Any One Area)**

Individual lessons in voice or instrumental music for students who have completed eight hours of applied music at the 200 level and who have not passed a junior-standing jury. Private lessons are 30 minutes (1 credit hour) or 60 minutes (2 credit hours) per week. The fee for this course is \$225 per credit hour in addition to regular tuition charges.

*Prerequisite:* An audition is held at the beginning of each term.

**MUSP 378 Applied Music: Jazz Trombone (1 or 2, Repeatable up to 8 Credits in Any One Area)**

Individual lessons in voice or instrumental music for students who have completed eight hours of applied music at the 200 level and who have not passed a junior-standing jury. Private lessons are 30 minutes (1 credit hour) or 60 minutes (2 credit hours) per week. The fee for this course is \$225 per credit hour in addition to regular tuition charges.

*Prerequisite:* An audition is held at the beginning of each term.

**MUSP 385 Applied Music: Jazz Guitar (1 or 2, Repeatable up to 8 Credits in Any One Area)**

Individual lessons in voice or instrumental music for students who have

completed eight hours of applied music at the 200 level and who have not passed a junior-standing jury. Private lessons are 30 minutes (1 credit hour) or 60 minutes (2 credit hours) per week. The fee for this course is \$225 per credit hour in addition to regular tuition charges.

*Prerequisite:* An audition is held at the beginning of each term.

**MUSP 386 Applied Music: Jazz Piano (1 or 2, Repeatable up to 8 Credits in Any One Area)**

Individual lessons in voice or instrumental music for students who have completed eight hours of applied music at the 200 level and who have not passed a junior-standing jury. Private lessons are 30 minutes (1 credit hour) or 60 minutes (2 credit hours) per week. The fee for this course is \$225 per credit hour in addition to regular tuition charges.

*Prerequisite:* An audition is held at the beginning of each term.

**MUSP 387 Applied Music: Jazz Bass (1 or 2, Repeatable up to 8 Credits in Any One Area)**

Individual lessons in voice or instrumental music for students who have completed eight hours of applied music at the 200 level and who have not passed a junior-standing jury. Private lessons are 30 minutes (1 credit hour) or 60 minutes (2 credit hours) per week. The fee for this course is \$225 per credit hour in addition to regular tuition charges.

*Prerequisite:* An audition is held at the beginning of each term.

**MUSP 388 Applied Music: Drumset (1 or 2, Repeatable up to 8 Credits in Any One Area)**

Individual lessons in voice or instrumental music for students who have completed eight hours of applied music at the 200 level and who have not passed a junior-standing jury. Private lessons are 30 minutes (1 credit hour) or 60 minutes (2 credit hours) per week. The fee for this course is \$225 per credit hour in addition to regular tuition charges.

*Prerequisite:* An audition is held at the beginning of each term.

**MUSP 389 Applied Music: Vibraphone (1 or 2, Repeatable up to 8 Credits in Any One Area)**

Individual lessons in voice or instrumental music for students who have

completed eight hours of applied music at the 200 level and who have not passed a junior-standing jury. Private lessons are 30 minutes (1 credit hour) or 60 minutes (2 credit hours) per week. The fee for this course is \$225 per credit hour in addition to regular tuition charges.

*Prerequisite:* An audition is held at the beginning of each term.

**MUSP 401 Applied Music: Flute (2, Repeatable up to 8 Credits in Any One Area)**

Individual lessons in voice or instrumental music for advanced students who have passed a junior-standing jury. Private lessons are one hour per week. The fee for this course is \$450 in addition to regular tuition charges.

*Prerequisite:* A junior-standing jury (normally taken at the end of the fourth term in MUSP 2xx).

**MUSP 402 Applied Music: Oboe (2, Repeatable up to 8 Credits in Any One Area)**

Individual lessons in voice or instrumental music for advanced students who have passed a junior-standing jury. Private lessons are one hour per week. The fee for this course is \$450 in addition to regular tuition charges.

*Prerequisite:* A junior-standing jury (normally taken at the end of the fourth term in MUSP 2xx).

**MUSP 403 Applied Music: Clarinet (2, Repeatable up to 8 Credits in Any One Area)**

Individual lessons in voice or instrumental music for advanced students who have passed a junior-standing jury. Private lessons are one hour per week. The fee for this course is \$450 in addition to regular tuition charges.

*Prerequisite:* A junior-standing jury (normally taken at the end of the fourth term in MUSP 2xx).

**MUSP 404 Applied Music: Bassoon (2, Repeatable up to 8 Credits in Any One Area)**

Individual lessons in voice or instrumental music for advanced students who have passed a junior-standing jury. Private lessons are one hour per week. The fee for this course is \$450 in addition to regular tuition charges.





# Philosophy Courses

**Note:** Courses listed under *Politics, Philosophy, and Law* also count for *Philosophy credit*.

## PHIL 101 Introduction to Philosophy (3)

An introduction to issues in central areas of philosophy, including the nature of reality, knowledge, and morality.

## PHIL 115 Critical Thinking (3)

An examination of methods for the critical analysis of arguments in such contexts as science, law and morality, including a consideration of the use of language and definition and the detection of errors in reasoning in everyday communication. Skills in critical reading, writing and thinking will be introduced.

## PHIL 120 Symbolic Logic (3)

An introduction to the formal methods of deductive logic, including sentential and predicate logic.

## PHIL 150 Nature, Technology, and Society (3)

An examination of the philosophical problems arising from the impact of science and technology on contemporary society. Topics include the relation of technology to society and political systems, the place of the individual within a modern technocratic society, the influence of technology on views of nature and the question of human values and scientific knowledge.

## PHIL 155 Environmental Ethics (3)

A study of the philosophical and ethical dimensions of environmental issues, including such topics as the moral status of other species and the nature of human obligations toward the environment.

## PHIL 160 Ethics and Sports (3)

A study of ethical dimensions of sports and athletics, including such topics as the nature of sport, sports and character, sports and drugs, sports and violence, sports and gender and sports in higher education.

## PHIL 165 Philosophy and Feminism (3)

An examination of philosophical issues in feminism such as the nature of freedom and equality, what it is to be a person and to respect others as persons and whether or not our language encourages or presupposes a demeaning view of women. Specific topics may include equal opportunity, abortion, rape and marriage.

## PHIL 170 Biomedical Ethics (3)

The application of ethical theories to issues and problems in biomedical ethics such as abortion, euthanasia, genetic engineering and genetic counseling, behavior control, death and dying and medical experimentation.

## PHIL 175 Business and Consumer Ethics (3)

An examination of some of the ethical issues of the marketplace, such as the obligations of the business community to consumers, the role of government in protecting the consumer, fair advertising practices, the nature of the corporation and the extent to which it is appropriate for government to regulate business affairs.

## PHIL 185 Philosophy and Film (3)

An introduction to philosophical thought about film, studying films themselves, and theoretical and critical writing about film. This course deals with both philosophical problems exhibited in films as well as philosophical problems about the nature of film.

## PHIL 198 Topics in Philosophy (3)

An introductory examination of selected topics or issues in philosophy. May be repeated for credit if the subject varies.

## PHIL 201 History of Ancient Philosophy (3)

An examination of the development of the philosophical views of the ancient Greeks, including the Presocratics, Socrates, Plato and Aristotle.

*Prerequisite:* Three semester hours in philosophy or permission of the instructor.

## PHIL 202 History of Modern Philosophy (3)

An examination of the rise of modern philosophy and some of its principal characteristics as exemplified in some

major philosophers from the close of the Middle Ages through the philosophy of Immanuel Kant.

*Prerequisite:* Three semester hours in philosophy or permission of the instructor.

## PHIL 203 Philosophy of Human Nature (3)

An examination of what influential thinkers such as Darwin, Descartes, Freud, Marx, Plato, Sartre and Skinner have said about human nature.

## PHIL 205 Existentialism (3)

A study of existential philosophy, covering thinkers such as Kierkegaard, Nietzsche, Jaspers, Heidegger, Marcel and Sartre.

## PHIL 206 Topics in Law and Morality (3)

An examination of selected relationships between moral theory and legal institutions, such as legal ethics, the legal enforcement of morality, capital punishment or gay rights. May be repeated for credit if subject matter varies.

## PHIL 207 Ethics (3)

A study of major ethical theories, such as utilitarianism, Kantian ethics, and virtue ethics.

## PHIL 208 Knowledge and Reality (3)

A survey of major issues in metaphysics and epistemology. Topics may include the relation of mind and matter, causation, theories of justification, free will, and skepticism.

## PHIL 209 Political Philosophy (3)

A study of historical and/or contemporary positions in political philosophy. Topics may include the nature of and justification for government, justice, liberty, equality, and human rights.

## PHIL 210 Philosophy, Law, and the Arts (3)

A philosophical exploration of various connections between law and the arts. Topics may include any of the following: interpretation in law and art, law as it is presented in art, theories of art in law, art and expression in legal writing, the relationship of morality to law and art, and the ontology of law and art.



**PHIL 234 Eastern Philosophy (3)**

An examination of classical philosophy in India and China, and of the philosophical schools of the major traditions of Buddhist thought in India, China, and Japan.

**PHIL 240 Jewish Philosophy (3)**

A historical survey of some major philosophical themes and debates within the Jewish tradition. Readings will be drawn from biblical, rabbinic, medieval, and modern sources. Texts and authors may include Job, Ecclesiastes, Pirke Avot, Philo, Maimonides, Spinoza, Mendelsohn, Rosenzweig, Buber and Levinas.

*Note: This course may not be taken for credit if credit has been received for JWST 240.*

**PHIL 245 Environmental Philosophy (3)**

An examination of selected topics, approaches, or authors in environmental philosophy, such as environmental aesthetics, ecofeminism or the writings of Aldo Leopold.

**PHIL 250 Marxism (3)**

An examination of some of the philosophical writings of Karl Marx as well as his precursor, Hegel and followers such as Gramsci, Marcuse and Althusser.

**PHIL 255 Philosophy of Religion (3)**

An examination of issues such as the nature of religious experience, arguments for the existence of God, the conflict between reason and faith, immortality, the nature of miracles and the problem of evil.

*Note: This course may not be taken for credit if credit has been received for RELS 255.*

**PHIL 260 Philosophy of Biology (3)**

An examination of philosophical issues within the biological sciences and questions about the epistemological status of biological knowledge. Possible topics include: the nature of life, the relationship between physical and biological sciences, the structure of evolutionary theory and the implications of sociobiology for ethical theories.

**PHIL 265 Philosophy of Science (3)**

An examination of the methodology and conceptual foundations of the sciences, including topics such as the structure of scientific theory, the relation of theory to

experiment, the genesis and development of scientific concepts and the evolution of scientific theories.

**PHIL 270 Philosophy of Law (3)**

A philosophical examination of some fundamental features of a legal system, focusing on issues such as the nature and function of law, judicial decisionmaking, legal reasoning, legal responsibility, and the relationship of morality, justice and liberty to a legal system.

**PHIL 275 Feminist Theory (3)**

A study of the connections between gender and knowledge, culture, and social practice. The course investigates the claim that cultural definitions and valuations of masculinity and femininity are reflected in such areas as science, ethics, literature, art and language.

**PHIL 280 Aesthetics (3)**

A philosophical study of beauty and of the creation, appreciation and criticism of works of art.

**PHIL 285 Philosophical Issues in Literature (3)**

A study of selected aesthetic problems related to literature, philosophical themes expressed in literary works and philosophical problems raised by literature.

**PHIL 290 Philosophy and the Cognitive Sciences (3)**

An investigation of philosophical issues at the intersection of philosophy and the cognitive sciences such as psychology, neuroscience, computer science, and linguistics.

**PHIL 298 Special Topics in Philosophy (3)**

An intensive examination of selected topics or issues in philosophy. May be repeated for credit if the subject varies.

**PHIL 301 Topics in Ethical Theory (3)**

An intensive examination of selected figures, traditions, or issues in ethical theory. May be repeated for credit if the subject matter varies.

*Prerequisites:* Six credit hours in philosophy excluding PHIL 120.

**PHIL 304 Nineteenth Century Philosophy (3)**

An examination of philosophical thought during the 19th century, covering thinkers such as Hegel, Marx, Comte, Bentham and Mill.

*Prerequisites:* Six credit hours in philosophy excluding PHIL 120.

**PHIL 305 Topics in the History of Philosophy (3)**

An intensive examination of selected figures, traditions, or issues in the history of philosophy. May be repeated for credit if the subject matter varies.

*Prerequisites:* Six credit hours in philosophy excluding PHIL 120.

**PHIL 306 20th Century Analytic Philosophy (3)**

A study of major movements in recent Anglo-American philosophy such as Logical Atomism, Logical Positivism and Ordinary Language Philosophy.

*Prerequisites:* Six credit hours in philosophy excluding PHIL 120.

**PHIL 307 20th Century Continental Philosophy (3)**

An intensive examination of major figures such as Husserl, Heidegger, Habermas, Foucault and Derrida; movements such as phenomenology and deconstruction; or problems such as representation, the structure of language and the nature of technology.

*Prerequisites:* Six credit hours in philosophy excluding PHIL 120.

**PHIL 310 American Philosophy (3)**

A critical treatment of leading philosophers in the United States up to the present with major emphasis on the works of philosophers such as Peirce, James, Royce, Santayana, Dewey and Whitehead.

*Prerequisites:* Six credit hours in philosophy excluding PHIL 120.

**PHIL 315 Topics in Political and Social Philosophy (3)**

An intensive examination of selected figures, traditions, or issues in political and/or social philosophy. May be repeated for credit if the subject matter varies.

*Prerequisites:* Six credit hours in philosophy excluding PHIL 120.

**PHIL 320 Metaphysics (3)**

A study of various attempts that philosophers have made to formulate consistent and comprehensive conceptual systems regarding the nature of reality.

*Prerequisites:* Six credit hours in philosophy excluding PHIL 120.

**PHIL 325 Theory of Knowledge (3)**

An examination of historical and contemporary views concerning answers to the following questions: What is knowledge? Under what conditions are beliefs justified? What is the role of reason and sensory experience in obtaining knowledge? Is anything certain? What is the nature of truth?

*Prerequisites:* Six credit hours in philosophy excluding PHIL 120.

**PHIL 330 Philosophy of Mind (3)**

A study of basic issues in the philosophy of mind such as the relationship of mind to body, knowledge of other minds and the nature of mental states. The course may focus on selected topics such as the emotions or artificial intelligence.

*Prerequisites:* Six credit hours in philosophy excluding PHIL 120.

**PHIL 335 Philosophy of Language (3)**

A philosophical inquiry into the nature of meaning, reference, truth, and grammar. Topics may include the relation between language and thought, the relation between language and the world and how much of language is innate.

*Prerequisites:* Six credit hours in philosophy excluding PHIL 120.

**PHIL 398 Student Research Associate Program (1-3, Repeatable up to 6)**

Students conduct their own research projects in philosophy under the guidance of a faculty member, or participate in a substantive way in a faculty member's research project. A project proposal must be submitted in writing and approved by the department prior to registration for the course.

*Prerequisites:* Six credit hours in philosophy excluding PHIL 120; overall GPA of at least 3.25; junior standing; and approval by the supervisor and the department.

**PHIL 399 Tutorial (3, Repeatable up to 12)**

Individual instruction by a tutor in regularly scheduled meetings (usually once a week). The student must take the initiative in seeking a tutor to help in both the design and the supervision of the project. A project proposal must be submitted in writing and approved by the department prior to registration for the course.

*Prerequisites:* Six credit hours in philosophy excluding PHIL 120, junior standing plus approval by the tutor and the department.

**PHIL 450 Senior Seminar in Philosophy (3)**

An intensive examination of a selected perspective or tradition, problem or philosopher. May be repeated for credit.

*Prerequisite:* Junior or senior philosophy major with at least nine previous semester hours in philosophy, one of which must be a 300-level course, or permission of the instructor.

**PHIL 499 Bachelor's Essay (6)**

A year-long research and writing project done during the senior year under the close supervision of a tutor from the department. The student must take the initiative in seeking a tutor to help in both the design and the supervision of the project. A project proposal must be submitted in writing and approved by the department prior to registration for the course.

## Physical Education Activity Courses

**PEAC 100 Introduction to Fitness (2)**

This course presents the principles and methods for developing and maintaining physical fitness. Major emphasis is on developing a personal exercise and nutrition program.

**PEAC 102 Beginning Yoga (2)**

A course designed to present the basic philosophy, physical positions and breathing techniques of Yoga. Emphasis is also placed on meditation and positive

thinking as a means to reduce stress and increase concentration.

**PEAC 103 Martial Arts (2)**

An introduction to the theory and application of Asian martial arts in modern, everyday life. An activity course in which the basics of a martial art will be learned through lecture, demonstration and laboratory experience.

**PEAC 104 Beginning Figure (Ice) Skating (2)**

This course is designed to acquaint the student with the basic fundamentals of ice-skating and will progress to more advanced skills. This will be accomplished through classroom lectures, off-ice and on-ice demonstrations and class participation. Class time will primarily focus with on-ice instruction.

*Note: Lab fee required; students will need to provide their own transportation to the off-campus facility.*

**PEAC 105 Basketball & Volleyball (2)**

The history, techniques practice of skills and rules of basketball and volleyball.

**PEAC 107 Beginning Swimming (2)**

A course designed to teach the non-swimmer how to swim. Emphasis is on proper stroke movements and elementary forms of water safety.

**PEAC 108 Advanced Swimming (2)**

A course designed to improve swimming skills with emphasis on stroke mechanics and lifesaving techniques.

**PEAC 109 Aerobics (2)**

The main emphasis of this course is the understanding of the basic physiological principles associated with physical activity and human movement as applied in a cardiovascular aerobic dance workout. The course also includes exercise programs for muscular endurance, strength and toning.

**PEAC 110 Step Aerobics (2)**

Students will be introduced to the basic physiological principles associated with aerobic step training and interval training. Exercise, as well as cognitive material from the required text, will be essential requirements in this course.

**PEAC 113 Beginning Horseback Riding (2)**

The course is designed to provide instruction in the beginning skills of horseback riding and to provide the student with lifetime sports skills that will contribute to his/her physical, mental and social growth. Attention will be given to the development of skills in grooming, horse handling, saddling and bridling, mounting and dismounting, walking and posting.

*Note: Lab fee required; students will need to provide their own transportation to the off-campus facility.*

**PEAC 115 Physical Conditioning and Weight Training (2)**

A course designed to teach the accepted methods of developing and maintaining physical fitness. Consideration will be given to diet, nutrition, posture, physical form and the role of resistance exercise in the improvement of physical fitness.

**PEAC 116 Beginning Golf (2)**

The history, techniques, practice of skills and rules of golf.

*Note: Lab fee required; students will need to provide their own transportation to the off-campus facility.*

**PEAC 117 Badminton & Racquetball (2)**

The history, techniques, practice of skills, and rules of badminton, pickleball and racquetball.

**PEAC 118 Beginning Sailing (2)**

The course will provide the student with instruction in the basic fundamentals of sailing. Attention will also be given to the safe, reasonable operation of sailing craft as well as instruction in the proper care and maintenance of sailboats.

*Note: Lab fee required; students will need to provide their own transportation to the off-campus facility.*

**PEAC 119 Beginning Tennis (2)**

The history, techniques, practice of skills and rules of tennis.

*Note: Students will need to provide their own transportation to the off-campus facility.*

**PEAC 120 Special Topics (2, Repeatable up to 6)**

A course designed to cover a variety of topics not otherwise offered in the basic physical education activity program.

Popular activities representing both traditional and non-traditional activities will be offered on a random basis according to interest shown in the activity.

*Note: A lab fee may be required in some special topics courses. Students may also need to provide transportation for some courses.*

**PEAC 130 Intermediate Sailing (2)**

The course is designed to provide instruction in the intermediate skills of sailing and to provide the student with lifetime sports skills that will contribute to his/her physical, mental and social growth. Attention will be given to the development of intermediate skills for the safe and responsible operation of sailboats.

*Prerequisite:* PEAC 118 or permission of the instructor.

*Note: Lab fee required; students will need to provide their own transportation to the off-campus facility.*

**PEAC 133 Intermediate Horseback Riding (2)**

An introduction to the basics of dressage and jumping for students who have completed beginning horseback riding or have basic skills from previous riding experience. Students will learn an introductory level dressage test and a simple stadium course.

*Prerequisite:* PEAC 113 or permission of the instructor.

*Note: Lab fee required; students will need to provide their own transportation to the off-campus facility.*

**PEAC 139 African Dance (2)**

The course focuses on broadening and enhancing the student's understanding of African Dance in regard to the origin, performing arts techniques, suggested realism and expressionism of the art form. Students will also recognize drum rhythms for each dance and perform each dance.

# Physical Education Courses

**PEHD 201 Introduction to Physical Education (3)**

A required introductory course for physical education majors. Content will include a study of history, principles, objectives, philosophy, current trends and issues, and literature related to physical education, health and exercise science.

*Note: This course is cross-listed with EXSC 201. This course may not be taken for credit if credit has been received for EXSC 201.*

*Note: PEHD 201 is a prerequisite for all 300-level or above courses for prospective physical education majors.*

**PEHD 202 Laboratory Activities in Physical Education (2)**

A course designed to provide the student an exposure to a variety of activities in the areas of outdoor adventure, team sports and individual sports. Acquisition of basic knowledge and skill competencies for the future physical educator is a primary component.

*Note: A fee is required for this class and students are responsible for their own transportation to off-campus meeting and activity sites.*

**PEHD 222 Analysis and Conduct of Lifetime Activities (3)**

Designed to teach the teacher candidate how to analyze, conduct and demonstrate lifetime sports activities in a variety of teaching settings. Emphasis will be placed on methods for determining students' capacities in relation to the various activities and teaching techniques appropriate to facilitate the acquisition of the various skills. Students will be expected to teach and perform skills in micro teaching sessions.

*Note: Students are responsible for their own transportation to off-campus meeting and activity sites.*

**PEHD 223 Analysis & Conduct of Team Sport (3)**

Designed to teach the teacher candidate how to analyze, conduct and demonstrate team sports in a variety of teaching settings. Emphasis will be placed on methods for determining students' capacities in relation to the various

activities and teaching techniques appropriate to facilitate the acquisition of the various skills. Students will be expected to teach and perform skills in micro teaching sessions. Field experience required.

### **PEHD 235 Motor Learning and Development (3)**

The course focuses on skill acquisition with primary consideration being given to the cognitive and motor processes underlying the learning of skills across the lifespan. Topics covered include (but are not limited to) motor control, attention, individual differences, practice and knowledge of results, transfer of learning and motivation.

### **PEHD 250 Dance and Rhythms (3)**

Designed to instruct the student in the teaching techniques of dance and rhythmic activities. Practical application will be gained through the teaching of mini-lessons in the class.

### **PEHD 252 Outdoor Education (3)**

An introductory course designed to provide the student a number of outdoor adventure experiences that are available in the region. Activities vary and may include rock climbing, sea kayaking, whitewater kayaking and camping. Through these experiential opportunities, a number of new skills and interests should be fostered.

*Note: Lab fee required; students will need to provide their own transportation to off-campus facilities for some classes.*

### **PEHD 320 Special Topics in Physical Education (3, Repeatable up to 12)**

Studies in topics of current interest designed to supplement offerings in the department or to investigate an additional specific area of physical education.

*Prerequisite:* PEHD 201 or permission of the instructor.

### **PEHD 342 Techniques and Strategies of Coaching (3)**

This course will investigate a variety of coaching techniques and strategies. It will provide students with a basic understanding of coaching at all levels: youth, elementary, high school, college and professional. This course is designed to assist coaches in developing effective organizational, motivational and teaching strategies to guide successful programs.

### **PEHD 352 Physical Education in Elementary Schools (3)**

The course is designed to teach basic requirements, principles, and concepts for conducting physical education in an elementary school setting. Focus will be on constructing and implementing developmentally appropriate movement and fitness experiences for elementary school learners from diverse backgrounds, with an emphasis on reflective teaching. Field experiences required.

*Prerequisites:* PEHD 201 and 222 or 223 and acceptance into the Teacher Education Certification Program.

*Note: Students are responsible for their own transportation to off-campus field experience sites.*

### **PEHD 352L Physical Education Field Experience in the Elementary Grades (1)**

The course is designed to engage candidates in a structured field experience in K-5 public schools. Candidates are required to complete at least 30 hours divided into three phases: 1. Observations, 2. Assistant teaching and 3. Full teaching - where interns are responsible for planning, implementation, and assessment of student performance.

*Co-requisite:* PEHD 352.

### **PEHD 355 Sport Psychology (3)**

The scientific study of human behavior in the context of participating in sport and how sport performance is affected by the athlete, the team and its leadership, as well as by the physical and interpersonal environment in which these individuals interact. This course is crosslisted as PSYC 355 in which candidates may receive general education social science credit.

*Prerequisites:* PEHD 201 or EXSC 201; PSYC 103; or permission of the instructor.

*Note: A student may not receive credit for PEHD 355 if credit has been received for PSYC 355.*

### **PEHD 399 Physical Education Tutorial (3, Repeatable up to 12)**

Individual instruction given by a tutor in regularly scheduled meetings (usually once a week).

*Prerequisites:* PEHD 201, junior standing plus permission of the tutor and the department chair.

### **PEHD 403 Physical Education Internship and Practicum (6)**

Candidates are placed in cooperating hospitals, clinics, fitness centers and recreation departments in areas of interest (cardiac rehabilitation, pre-physical therapy, etc.). The practicum is a laboratory class that requires participation in the daily activities of an assigned agency and in on-campus seminars.

*Prerequisites:* A senior physical education major with a minimum GPA of 2.5 overall. In addition, an application must be submitted to the health coordinator at least one year before the semester in which the internship would be taken. The applicant must be approved by the PEHD department. A candidate may not take PEHD 403 and HEAL 403. (Participation in the field experience requires satisfactory completion of 12 semester hours at or above the 300 level in health and/or physical education related courses.)

### **PEHD 431 Tests and Measurements (3)**

The course explores the unique measurement tools used for the assessment of human physical performance. Particular emphasis is placed on the design and use of instruments for assessment in body mechanics, sports skills, fitness and motor skills, as well as in the use and interpretation of standardized tests in the field. The application of statistical analysis procedures essential for the evaluation of such measures is included.

*Prerequisites:* PEHD 201, junior standing plus MATH 104 or equivalent; knowledge of microcomputers.

### **PEHD 452 Physical Education for Middle/Secondary Schools (3)**

The course is designed to place emphasis on curriculum development and planning for teaching and evaluating movement in middle/secondary school physical education. Focus is on constructing and implementing developmentally appropriate movement and fitness experiences for middle/secondary school learners from various backgrounds. Field experiences required.

*Prerequisites:* PEHD 201 and 352.

*Note: Students are responsible for their own transportation to off-campus field experience sites.*

### **PEHD 452L Physical Education Field Experience in Middle/ Secondary Schools (1)**

This course emphasizes planning for teaching and evaluating movement in middle/secondary school physical education. Focus is on constructing and implementing developmentally appropriate movement and fitness experiences. Candidates must complete 5 hours in a health education class, 15 hours in a Middle school, and 10 hours in the high school environment.

*Co-requisite:* PEHD 452.

### **PEHD 457 Adapted Physical Education (3)**

Course designed to prepare candidates to construct and implement an appropriate physical education and recreation curriculum for the learner that is disabled. Field experience required.

*Prerequisites:* PEHD 352 and 452 or permission of the instructor.

*Note: Students are responsible for their own transportation to off-campus field experience sites.*

### **PEHD 457L Field Experience in Adapted Physical Education (1)**

Adapted physical Education course is designed to prepare Teacher Education candidates for the construction and implementation of appropriate physical education (PK-12) curriculum to learners with a disability. This course involves field experience in a public school environment for at least 30 hours.

*Co-requisite:* PEHD 457.

### **PEHD 458 Organization and Administration in Physical Education (3)**

A course covering the organization, planning, implementation and administration of physical activity and sport programs.

*Prerequisites:* PEHD 201 or EXSC 201; and senior (90 credit hours plus) status. For teacher certification majors PEHD 352 or 452 is a prerequisite.

### **PEHD 499 Bachelor's Essay (6)**

A year-long research and writing project done during the senior year under the close supervision of a tutor from the

department. The candidate must take the initiative in seeking a tutor to help in both the design and the supervision of the project. A project proposal must be submitted in writing and approved by the department prior to registration for the course.

## **Physics Courses**

### **PHYS 101 Introductory Physics I (3)**

A general physics course intended for those students who plan to take only one physics sequence. Subjects covered are: mechanics (vectors, linear and rotational motion, equilibrium, and gravitational fields); heat (mechanical and thermal; properties of solids, liquids, and gases); and wave motion. Upon completion of 101 with a grade of B or better and successful completion of math 120, a student may transfer to PHYS 112. PHYS 101 is not open to students who have passed PHYS 111 or HONS 157. Lectures three hours per week.

*Co-requisite or prerequisite:* PHYS 101L.

*Note: A working knowledge of algebra and simple trigonometry is assumed.*

### **PHYS 101L Introductory Physics Laboratory (1)**

A laboratory program to accompany PHYS 101. Laboratory three hours per week.

*Co-requisite or prerequisite:* PHYS 101.

### **PHYS 102 Introductory Physics II (3)**

A continuation of PHYS 101. Subjects covered are: electricity (electric fields, AC and DC circuits); magnetism; optics (geometric and physical); and modern physics. PHYS 102 is not open to students who have passed PHYS 112 or HONS 158. Lectures three hours per week.

*Prerequisite:* PHYS 101 or PHYS 111 or HONS 157.

*Co-requisite or prerequisite:* PHYS 102L.

### **PHYS 102L Introductory Physics Laboratory (1)**

A laboratory program to accompany PHYS 102. Laboratory three hours per week.

*Prerequisite (or co-requisite):* PHYS 102.

### **PHYS 105 Introduction to Meteorology (3)**

Survey of the most important topics in meteorology. Sample topics include cloud formation, violent storms, thunder and lightning, rainbows, rain and snow, climate and forecasting. Lectures three hours per week.

*Prerequisite:* A working knowledge of high school algebra is assumed.

*Note: No credit for both PHYS 105 and PHYS 456.*

### **PHYS 111 General Physics I (3)**

Introduction to principles of physics primarily for scientists and engineers. Subjects covered are mechanics (vectors, linear and rotational motion, equilibrium and gravitational fields); heat (mechanical and thermal properties of solids, liquids and gases); and wave motion. Lecture three hours per week; laboratory three hours per week.

*Co-requisite or prerequisite:* MATH 120 or equivalent or permission of the instructor.

*Co-requisite:* PHYS 111L.

### **PHYS 111L General Physics I Lab (1)**

Introduction to principles of physics primarily for scientists and engineers. Subjects covered are mechanics (vectors, linear and rotational motion, equilibrium and gravitational fields); heat (mechanical and thermal properties of solids, liquids and gases); and wave motion. Lecture three hours per week; laboratory three hours per week.

*Co-requisite:* PHYS 111 or permission of instructor

### **PHYS 112 General Physics II (3)**

A continuation of PHYS 111. Subjects covered are: electricity (electric fields, AC and DC circuits); magnetism; light (geometric and physical optics, spectra); and modern physics (relativity and nuclear physics). Lectures three hours per week; laboratory three hours per week.

*Prerequisites:* PHYS 111 or HONS 157.

*Co-requisite or prerequisite:* MATH 220 or equivalent or permission of the instructor.

*Co-requisite:* PHYS 112L.

*Note: Upon completion of PHYS 101 with a grade of B or better and successful completion of MATH 120, a student may transfer to PHYS 112.*

### **PHYS 112L General Physics II Lab (1)**

A continuation of PHYS 111. Subjects covered are: electricity (electric fields, AC and DC circuits); magnetism; light (geometric and physical optics, spectra); and modern physics (relativity and nuclear physics). Lectures three hours per week; laboratory three hours per week.

*Co-requisite:* PHYS 112 or permission of instructor

### **PHYS 150 Physics of Sound and Music (3)**

An investigation of mechanical and electronic generation of sound; propagation of sound; perception of sound and music; the acoustics of vocal and instrumental music; musical elements such as pitch, loudness, and timbre; and musical constructs such as scales, temperament and harmony. This course is team-taught by physics and fine arts faculty. Lectures three hours per week. A working knowledge of high school algebra is assumed.

### **PHYS 203 Physics and Medicine (3)**

The application of physics to a variety of medical issues. Topics include basic concepts such as force and energy as well as more advanced topics such as photophysics and diagnostic instrumentation. Useful for students who intend to become medical professionals and students interested in the applications of physics to medicine.

*Prerequisite:* PHYS 102, PHYS 112 or HONS 158.

### **PHYS 230 Introduction to Modern Physics (3)**

An introduction to atomic and nuclear physics. Topics include: relativity, atomic theory, x-rays, wave particle duality and elements of quantum mechanics. Lectures three hours per week.

*Prerequisite:* PHYS 112 or HONS 158.

*Co-requisite or prerequisite:* MATH 221 or permission of the instructor.

### **PHYS 260 NASA Space Mission Design (2)**

Students work on teams with engineering students at another university to design

unmanned NASA satellite missions. Student teams interactively participate through presentations, assigned readings, on-line discussions, classroom exercises and dynamic activities, and compete for best mission with final projects being evaluated by a panel of NASA experts.

*Prerequisites:* ASTR 130 or ASTR 206 or HONS 160 or GEOL 206 or PHYS 102 or PHYS 112 or HONS 158 or permission of instructor.

*Co-requisites:* PHYS 260L or PHYS 460L.

### **PHYS 260L NASA Space Mission Design Lab (1)**

Lab students work on teams with engineering students at another university to design unmanned NASA satellite missions. Student teams interactively participate through presentations, assigned readings, on-line discussions, classroom exercises and dynamic activities, and compete for best mission with final projects being evaluated by a panel of NASA experts.

*Co-requisite:* PHYS 260

### **PHYS 270 Nanotechnology in Medicine (3)**

An introductory level interdisciplinary course covering nanotechnology and its use in medicine. Students will learn the basic physics behind smart nanobiomaterials, nanobiosensors, and DNA motifs. They will also learn nanotechnology in cancer treatment and drug delivery, medical imaging using quantum dots, nanofabrication, characterization tools used in nanotechnology, and nanotoxicology.

*Co-requisite or prerequisite:* PHYS 102 or PHYS 112 or HONS 158 or permission of the instructor.

### **PHYS 296 Biophysical Modeling of Excitable Cells (3)**

An introduction to the concepts and methods of computer modeling of excitable cells. Topics include basic electrophysiology of excitable cells, biophysics of ion conduction, mathematical modeling of activation/inactivation mechanisms using experimental data, and computer simulations.

*Prerequisites:* (BIOL 112 or HONS 152 and PHYS 112 or HONS 158) or (BIOL

211 and BIOL 305 and PHYS 102) or the permission of the instructor.

### **PHYS 298 Special Topics (1-3)**

An examination of an area in physics in which a regular course is not offered.

*Prerequisite:* Permission of the instructor and chair.

### **PHYS 301 Classical Mechanics (3)**

Newtonian dynamics of particles and rigid bodies, relativistic mechanics, Lagrangian and Hamiltonian mechanics and waves. Lectures three hours per week.

*Prerequisites:* PHYS 112 or HONS 158, and MATH 323, or permission of the instructor.

### **PHYS 302 Classical Mechanics (3)**

A continuation of PHYS 301.

*Prerequisite:* PHYS 301.

### **PHYS 308 Atmospheric Physics (3)**

An introduction to the study of the Earth's atmosphere. Topics covered include atmospheric thermodynamics, synoptic meteorology, violent storms, radiative transfer, basic modeling, ozone depletion, acid rain and global warming. Lectures three hours per week.

*Prerequisite:* PHYS 112 or HONS 158 or permission of the instructor.

### **PHYS 320 Intro to Electronics (4)**

Basic principles of electronics and their application to instrumentation for students preparing for research in applied mathematics, medicine, biology, physics and chemistry. Lectures three hours per week; laboratory three hours per week.

*Prerequisite:* PHYS 102 and MATH 120 or PHYS 112 or HONS 158 or permission of the instructor.

### **PHYS 331 Introduction to Modern Physics II (3)**

A continuation of PHYS 230. Topics include: statistical mechanics, solid state physics and nuclear physics. Lectures three hours per week.

*Prerequisite:* PHYS 230 or permission of the instructor.

### **PHYS 340 Photonics (4)**

An intermediate lecture and lab-based course in modern optics. Topics covered include: the wave equation, interference,

diffraction, polarization, holography, spectroscopy, lasers, second harmonic and terahertz generation, optical communication, optical materials, and biophotonics. Lectures three hours per week; laboratory three hours per week.

*Prerequisite:* PHYS 112 or HONS 158 or permission of the instructor.

#### **PHYS 350 Energy Production (4)**

The science and technology of solar, nuclear, fuel cell, geothermal, wind, hybrid, and other energy systems. A study of the nature of energy and scientific issues relating to its production, storage, distribution, and use from a physics perspective. Lecture and lab.

*Prerequisites:* CHEM 111 + (PHYS 112 or HONS 158 or (PHYS 102 + MATH 120))

#### **PHYS 370 Experimental Physics (4)**

An opportunity for students to develop experimental, analytical and research techniques through lecture and extensive laboratory experiences. Scientific report writing will be stressed.

*Prerequisite:* PHYS 230 or permission of the instructor.

#### **PHYS 381 Internship (1-4)**

A student will gain professional experience as an intern at a private firm or government agency. A written proposal must be approved through the Department Internship Coordinator prior to enrolling in the course. At least 40 hours of work is required for each 1 credit awarded for the course.

*Prerequisites:* Physics majors and PHYS 370 or permission of the coordinator.

#### **PHYS 390 Research (1-3, Repeatable up to 6)**

Literature and/or laboratory investigations of specific problems in physics or astronomy. The topic of the investigations will be determined by the interests of the student in consultation with the department faculty. Open to exceptional students and particularly suited to those intending to continue toward a graduate degree.

*Prerequisite:* Permission of the instructor and chair.

#### **PHYS 394 Digital Signal and Image Processing with Biomedical Applications (3)**

A systematic presentation of mathematical aspects and the corresponding computational techniques and tools currently used in digital signal and image processing. The topics include signal sampling, temporal and frequency domain representations, filtering, denoising, enhancing, and visualization of signals with emphasis on biomedical data.

*Prerequisites:* PHYS 112 and PHYS 112L or HONS 158 and HONS 158L

*Corequisite:* PHYS 394L

#### **PHYS 394L Digital Signal and Image Processing with Biomedical Applications Laboratory (1)**

A systematic presentation of mathematical aspects and the corresponding computational techniques and tools currently used in digital signal and image processing. The topics include signal sampling, temporal and frequency domain representations, filtering, denoising, enhancing, and visualization of signals with emphasis on biomedical data.

*Prerequisites:* PHYS 112 and PHYS 112L or HONS 158 and HONS 158L

*Corequisite:* PHYS 394

#### **PHYS 397 Research Experience Physics/Astronomy (0)**

A student works under faculty supervision to learn a research method, to explore possible research topics, or to continue an ongoing study. The faculty member helps the student to determine the course goals and objectives, and supervises the execution of project. The student will provide a written report to the faculty at the end of the semester. Students will receive a grade of "S" (satisfactory) or "U" (unsatisfactory) for the course.

*Prerequisites:* Only majors may take a Zero Credit Research course. Permission of the instructor and approval of the department chair.

#### **PHYS 399 Tutorial (3, Repeatable up to 12)**

Individual instruction given by a tutor in regularly scheduled meetings (usually once a week).

*Prerequisites:* Junior standing plus permission of the tutor and the department chair.

#### **PHYS 403 Introductory Quantum Mechanics (3)**

Wave-particle duality; the wave function; general principles of quantum mechanics; systems in one, two and three dimensions; electron spin; perturbation theory; scattering theory; electromagnetic radiation; systems containing identical particles; and applications. Lectures three hours per week.

*Prerequisite:* PHYS 230 and MATH 323 or permission of the instructor.

#### **PHYS 404 Introductory Quantum Mechanics (3)**

A continuation of PHYS 403.

*Prerequisite:* PHYS 403 or permission of the instructor.

#### **PHYS 405 Thermal Physics (3)**

Thermal Physics is an introduction to quantum statistical mechanics, thermodynamic functions and the laws of thermodynamics. There is an emphasis on the application of the fundamental concepts to astrophysics, electromagnetic radiation, low-temperature physics and solid-state physics.

*Prerequisite:* PHYS 230.

*Co-requisite:* MATH 323 or permission of the instructor.

#### **PHYS 407 Introduction to Nuclear Physics (3)**

An introduction to the theory of the nucleus, including constituents of the nucleus; nuclear forces and structure; natural and induced radioactivity; properties of alpha, beta and gamma radiation; particle accelerators; and fission, fusion and nuclear reactors. Lectures three hours per week.

*Prerequisite:* PHYS 230 or permission of the instructor.

#### **PHYS 408 Introduction to Solid State Physics (3)**

A survey of the fundamental principles determining the macroscopic properties of solids. The lattice system and the electron system are investigated as a basis for understanding dielectric, magnetic, optical, semiconductive and superconductive behavior in solids. Lectures three hours per week.

*Prerequisite:* PHYS 230 or permission of the instructor.

### **PHYS 409 Electricity and Magnetism (3)**

An intermediate course in electricity and magnetism. Subjects to be covered will include electric fields, magnetic fields, electric current, Maxwell's equations, conductors, dielectrics and magnetic materials. Lectures three hours per week.

*Prerequisites:* PHYS 112 or HONS 158, and MATH 323 or permission of the instructor.

### **PHYS 410 Electricity and Magnetism (3)**

A continuation of PHYS 409.

*Prerequisite:* PHYS 409.

### **PHYS 412 Special Topics (1-3)**

An examination of an area in physics in which a regular course is not offered.

*Prerequisite:* Permission of the instructor.

### **PHYS 415 Fluid Mechanics (3)**

An introduction to fluid mechanics that develops physical concepts and formulates basic conservation laws. Topics include fluid statics, kinematics, stresses in fluids, flow of real (viscous) fluids and compressible flow. Lectures three hours per week.

*Prerequisites:* MATH 323 and PHYS 301 or permission of the instructor.

### **PHYS 419 Research Seminar (1)**

This course will normally be conducted in the fall semester of the student's senior year and consists of successfully preparing and presenting a research proposal. This course is intended to prepare the student for PHYS 420.

*Co-requisite or prerequisite:* PHYS 370 or ASTR 377 or permission of the instructor.

### **PHYS 420 Senior Research (3)**

Conducting, writing, and presenting the results of the research project prepared in PHYS 419. The presentation must be at a scientific forum approved by the research advisor. This course will normally be taken during the spring semester of the senior year.

*Prerequisites:* PHYS 419 and permission of the instructor and chair; no credit for both PHYS 420 and PHYS 499.

### **PHYS 456 Air Pollution Meteorology (4)**

An introduction to the basics of air pollution science. Course begins with a summary of underlying meteorology and atmospheric physics and then covers the atmospheric radiation budget, atmospheric circulation, aerosols, atmospheric chemistry (acid rain, ozone hole), short-term atmospheric change, atmospheric chemical models and air quality. Lecture four hours per week.

*Prerequisites:* PHYS 112 (or PHYS 102 and MATH 120) or HONS 158, and CHEM 112, or permission of the instructor.

*Note:* A student may not receive credit for both PHYS 105 and PHYS 456.

### **PHYS 457 Satellite Meteorology (3)**

Satellite meteorology is the measurement of the weather by sensors aboard Earth-orbiting satellites. Topics include satellite orbits and navigation; electromagnetic radiation; instrumentation; image interpretation; atmospheric temperature, winds, clouds, precipitation and radiation. Lectures three hours per week.

*Prerequisites:* PHYS 308; or PHYS 456; or both PHYS 105 and one of PHYS 112, or PHYS 102 and MATH 120, or HONS 158; or permission of the instructor.

### **PHYS 458 Climate Change (4)**

An introduction to the study of the physics of the Earth's climate. Topics include climatic classification, the spectrum of radiation, absorption, scattering, transmission, radiation, the tropospheric energy balance, the energy balance at the Earth's surface, time variations in the energy balance, the atmospheric transport of energy, the atmosphere as a heat engine, CFCs and stratospheric ozone, the carbon cycle, other greenhouse gases, climate heating, integrated assessment of models and human activities affecting climate change. In addition, some of the policy issues associated with such human activities will be addressed. Lecture four hours per week with some laboratory exercises included.

*Prerequisite:* PHYS 112 (or PHYS 102 and MATH 120), or HONS 158, or

permission of the instructor; CHEM 112 would be helpful, but is not required.

### **PHYS 460L NASA Space Mission Design Leadership Lab (1)**

Lab students lead local teams and work with engineering students at another university to design unmanned NASA satellite missions. Student teams interactively participate through presentations, assigned readings, on-line discussions, classroom exercises and dynamic activities, and compete for best mission with final projects being evaluated by a panel of NASA experts.

*Prerequisite:* Permission of instructors.

*Co-requisite:* PHYS 260.

### **PHYS 499 Bachelor's Essay (6)**

A year-long research and writing project done during the senior year under the close supervision of a tutor from the department. The student must take the initiative in seeking a tutor to help in both the design and the supervision of the project. A project proposal must be submitted in writing and approved by the department prior to registration for the course. A student may not receive credit for both PHYS 420 and PHYS 499.

*Prerequisite:* PHYS 419 or permission of department chair

*NOTE:* A student may not receive credit for both PHYS 420 and PHYS 499.

## **Political Science Courses**

**Note:** Courses listed under Politics, Philosophy, and Law also count for Political Science credit.

### **POLI 101 American Government (3)**

American Government examines the structure, context, functions and problems of American national government. NOTE: This course is required of all political science majors and minors and must be completed within the first 15 hours of political science courses.

### **POLI 102 Contemporary Political Issues (3)**

An introductory course for majors and non-majors that emphasizes the analysis of current domestic and international



issues. Issues covered will vary from semester to semester.

### **POLI 103 World Politics (3)**

This course examines the dynamics of international politics, including in-depth coverage of relevant actors, the nature of the state system, cooperation and conflict, global economic interdependence, international institutions and issues like the role of human rights in international affairs.

### **POLI 104 World Regional Geography (3)**

This course introduces students to the key concepts of geography through the lens of different regions of the world.. Students explore the dynamics of human existence in different settings, arriving at a holistic understanding of life in the region by considering the interaction of physical and human geographies. The focus is on diversity amid the commonalities of human experience.

*Note: Cross-listed with GEOG 101. Students may not earn credit for both courses.*

### **POLI 119 Special Topics in Politics (3)**

This course examines special topics and issues in politics not covered in political science courses. This course may be repeated as topic changes.

### **POLI 150 Introduction to Political Thought (3)**

This course introduces both a set of key concepts in political theory and the historical development of Western political thought. The student will work with primary and secondary literature in political theory and will gain an understanding of how political theorists ancient, modern and contemporary have attempted to create theories of politics and visions of political order in response to the crises and problems of their time and in light of the work of the political theorists that preceded them.

### **POLI 203 Criminal Justice (3)**

Criminal Justice analyzes the criminal justice system, from defining crimes through arrest to conviction and sentencing, with emphasis on the relationships between actors and institutions in the system and the purposes served by the system.

### **POLI 205 Doing Research in Politics (3)**

An introduction to the techniques and strategies researchers in politics use to study and understand the political world. This course should be taken in the first 15 credit hours of the major.

### **POLI 210 Introduction to Public Administration (3)**

Introduction to Public Administration analyzes the basic principles, functions and practices of public organizations and public management. Emphasis on national government.

### **POLI 211 Introduction to Public Policy (3)**

This course examines the cultural, economic, and institutional contexts that shape U.S. public policy. The course examines the processes by which policy problems are addressed and alternate solutions are adopted. Implications for solving public problems and resolving more political disagreements in a manner consistent with democratic ideas are considered.

### **POLI 213 State and Local Politics (3)**

This course examines the political institutions and processes of state and local government within the American federal system. The objective of the course is to acquaint students with the issues and complexities of state and local governments in the United States.

### **POLI 214 LGBT Politics (3)**

An examination of the movement for gay, lesbian, and bisexual rights in the United States. Course material will include the emergence and evolution of gay and lesbian rights over the past half century, their roles as interest groups and an analysis of their impact on and place in American politics. The course will also include a discussion of the emerging and related struggle for transgender rights.

### **POLI 240 Introduction to Comparative Politics (3)**

This course surveys theories and methodologies in comparative politics and applies these to specific country cases. It includes an examination of many comparative concepts and uses these to identify similarities and differences among various countries in the world.

### **POLI 245 Cuban Revolution (3)**

This is an in-depth and experiential examination of the Cuban Revolution. Students will live in Cuba for one to three months studying the history, progress and current condition of the revolutionary process in Cuba. Offered as a travel course only.

### **POLI 260 International Relations Theory (3)**

This course is designed to familiarize students with the theoretical and analytical tools needed to explore the perennial and pressing questions of international relations. The class includes analysis of key international relations issues from a variety of theoretical perspectives.

### **POLI 265 International Political Economy (3)**

The study of International Political Economy (IPE) introduces students to the integral relationship between politics and economics; how politics influences economics and vice versa. As such this course seeks to explore the rules governing global exchange and the winners and losers produced by global economic exchange.

### **POLI 266 International Diplomacy Studies (3)**

This course investigates the structure, operation, and prospects of international and/or regional organizations such as the United Nations, Organization of African Unity, Organization of American States, Arab League, etc. The class includes participation in international or regional organization models. A minimum GPA of 2.5 is required for participation.

### **POLI 292 Topics in Gender, Theory, and Law (3)**

This class focuses on intersections of issues of gender, political theory, and the law. Topics might include sexual harassment, poverty, and discrimination. Course can be repeated if the topic changes.

### **POLI 293 Ethics and Politics (3)**

Examines the relationship between ethics and politics by exploring ethical issues that arise in public life, including corruption, lies and deception, and organizational dissent. The political, philosophical, and psychological dimensions of these choices are assessed.

**POLI 294 Sustainability (3)**

This course will examine the interrelated environmental, economic, and social problems facing humans at local, regional, and global scales around the theme of sustainability.

**POLI 295 Law and Society (3)**

This is a course designed to introduce students to the legal method of deciding disputes through the study of particular areas of legal doctrine. Students will demonstrate the use of analytical principles by confronting intractable issues facing society and comparing their own analyses with that of the judicial system.

**POLI 301 Bureaucratic Politics and Policy (3)**

Examines the socio-political impacts of modern bureaucracies, how modern bureaucracy has emerged as a "fourth branch" of federal government (including historical development) and its ability to influence policy making with particular emphasis on implementation.

*Prerequisite:* POLI 101 or permission of instructor

**POLI 304 American Foreign Policy Process (3)**

American Foreign Policy Process surveys the process by which American foreign policy is made. The course extends beyond the traditional institutions of the presidency and Congress to encompass other actors like courts, the states, the media, the public and the international policy environment.

**POLI 305 Urbanization and Urban Geography (3)**

Urbanization and Urban Geography analyzes the process of urbanization and contemporary urban trends. Topics include the evolution of neighborhoods, social conflict over access to resources and the future of urbanism as a way of life. Students will explore the city through field trips and an analysis of a local issue.

**POLI 306 Urban Policy (3)**

Urban Policy examines the urban service system and policy formulation and implementation processes. The potential implications of policy on people in their everyday lives are assessed using a

critical perspective. Specific urban issues, including urban restructuring, crime and terrorism, education, housing, economic development, and sustainability are examined.

**POLI 307 Environmental Policy (3)**

This course is intended to familiarize students with various ethical frameworks, analytical tools and policy instruments that can be used to evaluate environmental problems and policy options. Specific issues may include citizen participation, environmental equity, the uses and abuses of cost/benefit analysis, science and uncertainty in environmental policy development and the use of regulatory requirements vs. market mechanisms for environmental protection.

**POLI 308 Education Policy (3)**

This course is designed to introduce students to the major federal policy decisions- represented in judicial decisions and federal laws and statutes, 1954 to the present- that serve as principal guidelines for the organization and administration of American public schools. Particular attention will be paid to the impact of these federal policies on the governance, implementation and outcomes of public education at the state and local levels. Issues of access, accountability, delivery systems, funding and quality will be explored. The actors, institutions, processes and influences that help to inform these policy decisions will be explored.

**POLI 309 Health Policy (3)**

This course will focus on American health policymaking, with particular emphasis on the three pillars of health: Access, Cost, and Quality. The course will examine the financing and delivery of health care, the political environment in which health policymaking occurs and the key policy actors that drive federal and state decision-making regarding affordable health care for all Americans. Special attention will be paid to the impact of the Patient Protection and Affordable Care Act (P.L. 111-148), its effect on reducing the number of uninsured Americans and the challenges to its constitutionality.

**POLI 310 Urban Applications of Geographic Information Systems (3)**

This course introduces students to foundational and advanced concepts and theories used to study cities and their myriad problems using Geographic Information Systems (GIS). Students will learn about the data and methodology for using GIS to solve urban problems in economic, social, planning, and political changes.

**POLI 311 Policymaking in State Legislatures (3)**

This course is designed to introduce students to the methods and processes by which American state legislatures achieve public policy objectives. Attention will be paid to the structure and organization of our 50 state legislatures, decision-making among competing public policy objectives, the development of institutional and individual legislative agenda, responsiveness to electoral and interest groups and the process of moving legislation from proposals to law. The Legislatures of California and South Carolina will serve as primary case studies of two very different examples of legislative structure, organization, and operations.

**POLI 319 Special Topics in Public Policy (3)**

This course examines an advanced topic in public administration or public policy.

**POLI 320 Constitutional Law (3)**

This course concentrates on the American Constitution. Topics focus on the power relationships between the executive, legislature, judiciary and state governments, including the commerce clause, war powers of the executive, legislative powers to tax and spend, judicial review and the doctrines and principles of American constitutionalism.

*Prerequisite:* POLI 101 or permission of instructor

**POLI 321 Civil Liberties (3)**

This course concentrates on the American Constitution. Topics focus on the power relationships between the executive, legislature, judiciary and state governments, including the commerce clause, war powers of the executive, legislative powers to tax and spend, judicial review, and the doctrines and principles of American constitutionalism.

**POLI 322 Urban Government and Politics (3)**

Urban Government and Politics focuses on the impact of an urban society upon the forms, structure, and functions of county and municipal governments, the political problems generated by metropolitan growth, the various approaches to the governing of the metropolis, the political processes in urban communities, and community power structure and decision making.

*Prerequisite:* POLI 101 or permission of instructor

**POLI 323 The Congress (3)**

This course analyzes the organization, procedures and behaviors of legislative bodies in America, with emphasis on the United States Congress.

*Prerequisite:* POLI 101 or permission of instructor

**POLI 324 The Judiciary (3)**

This course analyzes the major legal concepts and operations of the American judicial system with an emphasis on the political as well as legal factors involved in judicial decision making.

*Prerequisite:* POLI 101 or permission of instructor

**POLI 325 The Presidency (3)**

The Presidency analyzes the structure, behavior, history, and roles of the federal executive branch in the American political system.

*Prerequisite:* POLI 101 or permission of instructor

**POLI 326 American Politics and Mass Media (3)**

Explores how political discourse and institutions are changing with the current mass communication technology and practice. This course provides a basic introduction to media law, economics and regulation, and pays special attention to the intersection of the media practices and campaigns, the presidency, public opinion, policymaking and war.

*Prerequisite:* POLI 101 or permission of instructor

**POLI 327 Political Parties (3)**

This course examines the nature, functions, organizations, and activities of political parties in the American political

system. Emphasis is placed on parties as democratic organizations as well as their role in government and in the electorate, both historically and in contemporary electoral politics.

*Prerequisite:* POLI 101 or permission of instructor

**POLI 328 Campaigns and Elections (3)**

This course analyzes American elections, campaigns, and voting behavior within the context of political representation and U.S. electoral rules and procedures. Students will be introduced to the principal theories and methods of the voting behavior and have the opportunity to examine those theories empirically using recent national election data.

*Prerequisite:* POLI 101 or permission of instructor

**POLI 329 Public Opinion in American Politics (3)**

This course examines the formation, expression, and consequences of American public opinion in order to better understand how citizens think and react to the political world. Special emphasis will be placed on the measurement of American public opinion through the use of polling and survey research methods.

*Prerequisite:* POLI 101 or permission of instructor

*Note:* This course is cross-listed with COMM 389. A student may not earn credit for both courses.

**POLI 330 Southern Politics (3)**

Southern Politics is a comparative study of selected political patterns and trends in the southern states since World War II.

**POLI 331 Geography of Native Lands/Indian Law (3)**

This course examines the government-to-government relationships between Native American tribes and the United States. Case studies of legal, political, and cultural conflicts over land and resources will highlight the Indigenous Knowledges of ecological systems and the distinctive political ideas that inform Native American life and politics.

**POLI 332 Women and Politics (3)**

This course examines the development of a public role for women in the American political system through an examination

of successive waves of political activism around suffrage, feminism, equality, and policy. Topics include women as voters, candidates, and policymakers. Critical attention is directed toward analyzing women's incremental progress in achieving parity in politics.

**POLI 333 Suburbia: People, Places, and Politics (3)**

This course examines in detail the most common residential setting in the United States: the suburb. The course reviews twentieth-century accounts of suburban life, taking into account differences by gender, race, and ethnicity, as well as issues of governance, contemporary culture and questions of environmental sustainability.

**POLI 334 Political Campaign Communication (3)**

This course examines the communication strategies employed in local, state, and national political campaigns. Topics include message design, political speeches, political advertising, and media relations.

*Prerequisite:* POLI 101 or permission of instructor

**POLI 335 Religion in American Politics (3)**

This course examines and analyzes the interaction between politics and religion in the United States, considering both the historical and contemporary context of this relationship. Throughout the course, debates on contemporary issues related to the interaction between religion and politics will be emphasized.

*Prerequisite:* POLI 101 or permission of instructor

**POLI 339 Special Topics in American Politics (3)**

These courses examine selected topics in American politics not covered in other courses.

**POLI 340 Politics of Latin America (3)**

Politics of Latin America surveys political and related economic and social dynamics in Latin American nations.

**POLI 342 Politics of Africa (3)**

Politics of Africa surveys political and related economic and social dynamics in selected African nations.

**POLI 343 Politics of East Asia (3)**

Politics of East Asia analyzes the national and international politics of China and Japan with emphasis on political, social and economic patterns and processes. Cultural tradition, policymaking, and the international context will be examined.

**POLI 344 Politics of the Middle East (3)**

Politics of the Middle East surveys the political, economic and social structures and forces that make up the essence of Middle East politics and shape the region's place in the world.

**POLI 345 Politics of China (3)**

This course examines contemporary Chinese politics in a comparative perspective. China is a rapidly modernizing country with growing global significance. We will address theoretical and methodological questions in China studies. Key topics include political culture, leadership transition, economic reform, environment and population, and state-society relations.

**POLI 346 Politics of Southeast Asia (3)**

This course is an introduction to the politics of Southeast Asia, both the region and the separate countries of the region. Comparable in size and population to the Asian giants of China and India, the region has fascinating engagements with postcolonialism, neoliberalism, and other critically important contemporary issues.

**POLI 347 International Development: Theories and Practices (3)**

This course examines the major theories of development and underdevelopment. The class addresses the domestic and international political, social, and economic factors that promote or retard development in Africa, Latin America, Asia, and the Middle East.

**POLI 348 Politics of Protest and Revolution (3)**

This course undertakes a comparative study of protest and revolution in industrialized and non-industrialized countries. The political, economic, and social conditions that give rise to protest and revolution will be examined. Reform movements, revolts and revolutions, both historical and contemporary, will be compared from a cross-system perspective.

**POLI 350 Comparative Gender Politics (3)**

What counts as female? What counts as male? Where did our ideas about femininity and masculinity come from? Do we all answer these questions in the same way? How do we make connections among women, and across place and time?

**POLI 351 Politics of Contemporary Brazil (3)**

This course introduces the student to the politics of Latin America's largest, most populous and most important country. A brief introduction that covers the period of Portuguese colonization as well as early independence and national eras will be followed by an intensive focus on the period from the presidency of Getulio Vargas to the present. Special attention will be given to the era of military government in the 1960s to the "abertura," which opened the door to democratization in the 1990s and the period of President Henrique Cardoso.

**POLI 352 Geographies and Politics of the European Union (3)**

A comprehensive introduction to the European Union, structured around the changing geographies of the European space and a chronology of developments in Europe from the Second World War. The course will chart the emergence of the initial European Communities and follow changes as these communities evolve into today's European Union.

**POLI 353 Geographies and Politics of Food (3)**

Our relationship with food has changed radically over recent centuries and this continues today. This course focuses on the technologization of the production and harvesting of food, to explore the paradox of food anxiety driven by, for example, obesity, food security, and safety and to chart global food sourcing and its inequities.

**POLI 359 Special Topics in Comparative Politics (3)**

These courses examine selected topics in comparative politics not covered in other courses.

**POLI 360 International Human Rights Law (3)**

This course is designed to familiarize students with the theoretical and

analytical tools needed to explore human rights law and international legal culture, focusing on intergovernmental processes and institutions rather than national-level ones.

**POLI 361 Topics in Foreign Policy (3)**

This course focuses on topics that arise in the construction of foreign policy and the theories that underscore those policies. Particular courses might focus on the foreign policy of one particular area or the foreign policy around one particular topic (e.g. War in Iraq). Students can take this course up to two times and earn credit, as long as the course content varies, and with permission of the department chair.

*NOTE: Repeatable up to six credit hours.*

**POLI 363 International Law and Organization (3)**

This course will examine basic concepts and principles of international law and analyze the nature, political processes, and impact of international law and analyze the nature, political processes, and impact of international organization in world politics. It will explore different approaches to the study of international organization and evaluate the performance of international organizations in carrying out tasks and attaining goals.

**POLI 364 International Environmental Politics (3)**

International Environmental Politics examines the transnational nature of environmental issues and the responses to them in light of the political, economic, and social priorities of states and other actors in the global arena. The course includes substantive discussion of key environmental concerns and specific analysis of how international institutions and selected communities throughout the world have grappled with the politics of environmental stress and degradation.

**POLI 365 International Relations of the Middle East (3)**

This course is designed to provide an understanding of the places the Middle East has occupied in international relations over time and it seeks to pose competing explanations for why the region has occupied those spaces and roles in world politics.

**POLI 367 Geography of International Conflict (3)**

The Geography of International Conflict analyzes contemporary international conflicts within the context of theories and concepts in political geography. Conflicts explored in this course include those in the former Yugoslavia, Northern Ireland, and South Africa. Furthermore, the U.S. role as potential peacemaker in these regions is investigated.

**POLI 368 Political Geography (3)**

Political Geography is about control over space. The key vehicle for controlling space over recent centuries has been the state. This course focuses on the modern state. It focuses on state strategies to control space as varied as defining borders, putting railroads in place and, particularly, creating national identities.

**POLI 369 Politics of Globalization (3)**

Is globalization, as advocated by the western industrialized countries, the key to progress and prosperity for the world or does it intensify global inequalities between the haves and have nots? This question, and many more, will be explored through such topics as: Liberalization of world markets, power of the nation-state,

**POLI 379 Special Topics in International Relations (3)**

These courses examine selected topics in international politics not covered in other courses.

**POLI 380 Jurisprudence (3)**

This course studies the historical and theoretical development of the concept of law. It will examine problems in the field ranging from general principles on which legal rules are based to analysis of fundamental concepts and normative theories.

**POLI 387 American Political Thought (3)**

This course examines the evolution of political thought in the United States from the time of the first settlers to the present day. Students analyze the key primary documents in the founding, revolutionary, and Civil War eras and consider these in light of contemporary research by political scientists.

**POLI 390 Contemporary Liberalism (3)**

This course focuses on the work of John Rawls and his critics in order to analyze the key principles of liberalism and the arguments, international and external to liberalism itself, concerning those principles. The course emphasizes philosophical arguments and the political applications of such arguments with a sustained analysis of particular issues (such as abortion, euthanasia, education, disability).

**POLI 391 Utopia/Dystopia (3)**

The study of utopia, or the ideal, yet non-existent, place is a staple of Western political thought. Utopias criticize one's own world while simultaneously setting out a framework for a better future. Dystopias sharpen this criticism by presenting a vision of the worst place. This class analyzes these criticisms and evaluates proposals about, among other things, ideal government, family life and education.

**POLI 395 Global Political Theory (3)**

This course explores the multiple perspectives of political thought outside of the Western Canon. We will explore perspectives from around the globe, including African and Buddhist political philosophy to post-colonial feminisms, to consider political theorizations of freedom, equality, justice, security and political organization.

**POLI 397 Environmental Geography (3)**

Environmental Geography examines human interactions with the environment and environmental change. Whereas environmental politics focuses on the role of politics in environmental management, environmental geography investigates the role that knowledge, culture, economic systems, gender and identity, and the everyday politics of communities and households play in shaping human-environment interactions.

**POLI 399 Special Topics in the Politics of Ideas (3)**

These courses examine selected topics in the politics of ideas not currently covered in other politics of ideas courses.

**POLI 400 Tutorial (3)**

Tutorials offer individual instruction in regularly scheduled meetings (usually once a week).

**POLI 401 Reading and Independent Study in Political Science (1-3)**

This is a course designed primarily for the student interested in a particular topic. The amount of reading and/or the nature of the project will determine the credit to be assigned.

**POLI 402 Field Internship (3)**

Field internships are designed to provide the advanced student with the opportunity to pursue research topics in the context of an experiential learning situation.

*Prerequisites:* Junior or senior standing, permission of the department, POLI 205, completion of 18 hours in POLI, and normally a minimum POLI GPA of 2.8 and an overall GPA of 2.5.

**POLI 405 Capstone Seminar (3)**

The Capstone Seminar provides political science majors with a culminating and integrative experience at the end of their major coursework. The seminar, required of all majors, provides students with the opportunity to do research and develop a critical analysis utilizing the key concepts and methodologies across the subfields of the discipline. A variety of topics will be offered each year.

*Prerequisites:* Permission of the chair person required for enrollment. Students must have successfully completed POLI 205 before enrollment. Students will normally have completed at least 27 semester hours in political science at the time of enrollment.

**POLI 499 Bachelor's Essay (3)**

The Bachelor's Essay is a year-long research and writing project done during the senior year under the close supervision of a tutor from the department. The student must take the initiative in seeking a tutor to help in both the design and the supervision of the project. A project proposal must be submitted in writing and approved by the department prior to registration for the course.

# Politics, Philosophy, and Law Courses

## PPLW 400 Seminar in Politics, Philosophy, and Law (3)

An intensive research seminar on a particular topic in politics, philosophy, and law.

*Prerequisites:* Declared Philosophy or Political Science major; instructor permission.

*Note:* Those who have declared enrollment in the Politics, Philosophy, and Law concentration will be given priority in registration.

# Portuguese Courses

## PORT 101 Elementary Portuguese (3)

Introduces the fundamental structure of Portuguese with emphasis on acquisition of the basic language skills: listening, speaking, reading and writing.

## PORT 101C Elementary Portuguese Conversation Supplement (1)

A one-hour weekly session for intensive listening-speaking practice in Portuguese utilizing vocabulary and grammatical structure presented in the corresponding basic course.

*Co-requisite:* PORT 101.

*Note:* A "C" course may be taken only in conjunction with the basic sequence course in which the student is currently enrolled or in conjunction with the corresponding intensive Language course (150). Credit may not be applied to fulfill the language requirement not may it count towards the major.

## PORT 102 Elementary Portuguese (3)

Introduces the fundamental structure of Portuguese with emphasis on acquisition of the basic language skills: listening, speaking, reading and writing.

*Prerequisite:* Placement or PORT 101.

## PORT 102C Elementary Portuguese Conversation Supplement (1)

A one-hour weekly session for intensive listening-speaking practice in Portuguese

utilizing vocabulary and grammatical structure presented in the corresponding basic course.

*Co-requisite:* PORT 102

*Note:* A "C" course may be taken only in conjunction with the basic sequence course in which the student is currently enrolled or in conjunction with the corresponding intensive Language course (150). Credit may not be applied to fulfill the language requirement not may it count towards the major.

## PORT 201 Intermediate Portuguese (3)

Develops a basic proficiency in Portuguese and familiarity with its culture through practice in the use of the basic language skills and acquisition of vocabulary.

*Prerequisite:* Placement or PORT 102.

## PORT 201C Intermediate Portuguese Conversation Supplement (1)

Optional one-hour weekly sessions for intensive listening-speaking practice in Portuguese utilizing vocabulary and grammatical structure presented in the corresponding basic course.

*Co-requisite:* PORT 201.

*Note:* A "C" course may be taken only in conjunction with the basic sequence course in which the student is currently enrolled or in conjunction with the corresponding intensive Language course (150). Credit may not be applied to fulfill the language requirement not may it count towards the major.

## PORT 202 Intermediate Portuguese (3)

Develops a basic proficiency in Portuguese and familiarity with its culture through practice in the use of the basic language skills and acquisition of vocabulary.

*Prerequisite:* Placement or PORT 201.

## PORT 202C Intermediate Portuguese Conversation Supplement (1)

Optional one-hour weekly sessions for intensive listening-speaking practice in Portuguese utilizing vocabulary and grammatical structure presented in the corresponding basic course.

*Co-requisite:* PORT 202.

*Note:* A "C" course may be taken only in conjunction with the basic sequence course in which the student is currently enrolled or in conjunction with the corresponding intensive Language course (150). Credit may not be applied to fulfill the language requirement not may it count towards the major.

## PORT 291 Portuguese for Spanish Speakers (3)

This course introduces the fundamental structures of Portuguese, emphasizing writing and pronunciation while contrasting and comparing Spanish to Portuguese. Students will develop reading comprehension abilities in order to become independent readers while learning relevant cultural aspects of the Portuguese-speaking world.

*Prerequisite:* Spanish native speakers, Spanish majors or minors (or completed 15 or more hours in college-level Spanish) or consent of instructor.

## PORT 291C Portuguese for Spanish Speakers Conversation Supplement (1)

Optional one-hour weekly sessions for intensive listening-speaking practice in Portuguese utilizing vocabulary and grammatical structure presented in PORT 291.

*Co-requisite:* PORT 291.

*Note:* A "C" course may be taken only in conjunction with the basic sequence course in which the student is currently enrolled. Credit may not be applied to fulfill the language requirement.

## PORT 313 Advanced Portuguese Composition (3)

Intensive language practice. Emphasis on the development of writing skills, focusing on comparison and contrast, expository writing, and argumentation. Reading selections and class activities will focus on developing grammar, vocabulary, and the use of idiomatic expressions.

*Prerequisite:* PORT 202 or 314, or placement exam, or permission of the instructor.

## PORT 314 Advanced Portuguese Conversation (3)

Emphasis on the improvement of pronunciation and conversation skills, while developing vocabulary and reviewing grammar. Conversation topics will include a wide range of situations, themes and readings.

*Prerequisite:* PORT 202 or 313, or placement exam, or permission of the instructor.

## PORT 330 Collateral Studies (1-3)

Individually supervised course of reading in Portuguese and in the subject area or a

concurrent course offered by another department. The nature and extent of readings will be determined in consultation among student, instructor of the primary subjectmatter course, and the language instructor who will supervise and evaluate the student's linguistic performance. A collateral study course may be repeated to a maximum of six credit hours in conjunction with other primary courses.

### **PORT 390 Special Topics in Portuguese (3)**

Intensive study of a particular subject of theme on Portuguese language, linguistics, literature, or culture (specific topics will be listed in the Schedule of Courses when offered). May be repeated under a different topic.

*Prerequisite:* PORT 202 and/or permission of the instructor.

### **PORT 498 Independent Studies (1-3)**

Research on a topic - to be defined by the individual student in consultation with the instructor in the department who will guide the work and determine the credit hours to be assigned.

*Prerequisite:* Permission of the instructor.

### **LTPO 150 Portuguese Literature in (English) Translation (3)**

Study of selected works from a number of literatures that offer different perspectives on the world and humankind.

### **LTPO 250 Portuguese Literature in (English) Translation: A Foreign Literature (3)**

Study of selected works, representing major literary periods and genres, which illuminate Brazilian and Portuguese culture.

### **LTPO 270 Studies in Brazilian Film (3)**

Study of Brazilian Cinema with rotating topics such as Cinema Novo, women filmmakers, and literary masterpieces adapted to the screen.

*Note:* Taught in English. May be taken for credit toward the general education requirement in humanities. May be repeated under a different topic.

### **LTPO 280 Studies in Brazilian Civilization and Culture Through Literature (3)**

Reading and discussion of selected literary works with emphasis on their relationship to Brazilian civilization and culture. Through the readings, students will develop an awareness and understanding of how Brazil's ethnic and social background as well as its thought and customs have contributed to the rich diversity of Brazilian civilization and culture as seen in its literature.

*Note:* Taught in English. May be taken for credit toward the general education requirement in humanities.

### **LTPO 328 Portuguese Language Study Abroad (3)**

Designed to develop spoken and written communication and facility in expressing ideas in Portuguese while studying in a Portuguese-speaking country.

*Prerequisite:* PORT 202 or 250 or permission of the instructor.

*Note:* Local resources of the foreign country will be used.

### **LTPO 350 Portuguese Literature in (English) Translation: a Foreign Author (3)**

Study of selected works by a Brazilian author whose influence is felt in the world at large.

### **LTPO 450 Portuguese Literature in (English) Translation: Comparative Literature (3)**

A study of selected works by major authors representing different cultures with emphasis on common themes as viewed from the perspectives of these writers.

## **Psychology Courses**

### **PSYC 103 Introduction to Psychological Science (3)**

An introduction to the scientific study of behavior. Topics include research methods and statistics in psychology, nervous system and the brain, sensation and perception, learning, memory, social psychology and behavior disorders.

*Note:* One requirement of this course is that students participate in research conducted in

the psychology department to obtain experience in psychological research methods. Students who do not wish to participate in research will be offered an equitable alternative activity.

### **PSYC 211 Psychological Statistics (3)**

Elementary statistical techniques and their application to the analysis and interpretation of psychological data.

*Prerequisite:* PSYC 103.

*Notes:*

1. Students who have completed PSYC 250 may not receive credit for PSYC 211.

2. This class fulfills the statistics requirement for the Bachelor of Arts Degree.

### **PSYC 213 Conditioning and Learning (3)**

A survey of the experimental study of human and animal learning with an introductory consideration of modern learning theory.

*Prerequisite:* PSYC 103.

### **PSYC 214 Behavioral Neuroscience (3)**

A consideration of anatomical and physiological correlates of behavior.

*Prerequisite:* PSYC 103.

### **PSYC 215 Cognitive Psychology (3)**

Empirical findings and theoretical models in human information processing and performance are examined. Examples of topics include attention and pattern recognition, memory and imaginal representation, problem solving, reasoning, creativity and sensorymotor skills.

*Prerequisite:* PSYC 103.

### **PSYC 216 Sensation and Perception (3)**

An examination of the physiological and psychological processes involved in sensing and perceiving stimuli. Historical and contemporary research and theory in sensation and perception will be considered.

*Prerequisite:* PSYC 103.

### **PSYC 220 Research Methods (3)**

A survey of standard research methods used by psychologists. Topics include the scientific method, measurement issues, observational techniques, sampling, experimental designs and data analysis.

*Prerequisites:* PSYC 103 and 211.

Note:

1. Students who have completed PSYC 250 may not receive credit for PSYC 220.
2. This class fulfills the research methods requirement for the Bachelor of Arts degree.

### **PSYC 221 Abnormal Psychology (3)**

An overview of psychopathology, including the empirical and theoretical bases of epidemiology, etiology and treatment. Mental disorders are examined from psychological (e.g., learning theory) and biological (e.g., neurobiological) perspectives and research and treatment methods associated with these paradigms are introduced.

*Prerequisite:* PSYC 103.

### **PSYC 222 Psychology of Personality (3)**

The normal personality from the point of view of contemporary psychology. A consideration of structure, dynamics, individual differences and methods of assessment will be given.

*Prerequisite:* PSYC 103.

### **PSYC 223 Social Psychology (3)**

A study of the principles of human interaction, including a consideration of such topics as social learning, person perception, attitudes, prejudice and analysis of small group behavior.

*Prerequisite:* PSYC 103.

### **PSYC 224 Lifespan Development (3)**

An introduction to the understanding of change and continuity from conception to death. Special attention will be given to core theoretical explanations and empirical findings regarding physical, cognitive, emotional and social development early in the life-span.

*Prerequisite:* PSYC 103.

### **PSYC 250 Psychological Statistics and Research Methods (6)**

Equivalent to PSYC 211 and 220. A survey of elementary statistical techniques and standard research methods used by psychologists. This course integrates the content of PSYC 211 and 220 while providing an introduction to the analysis of research data with statistical software.

*Prerequisite:* PSYC 103.

*Note:* This class meets five days a week for a total of six hours of instruction. It meets the statistics and research methods requirement

for the Bachelor of Science degree. Students who have completed PSYC 211 or PSYC 220 may not receive credit for PSYC 250. Students are encouraged to complete at least part of their mathematics coursework prior to their enrollment in this class.

### **PSYC 315 Special Topics in Psychology I (3)**

An examination of an area of current theoretical or research interest in the field of Psychology.

*Prerequisite:* PSYC 103

*NOTE:* Repeatable up to 6 credit hours.

### **PSYC 318 Comparative Psychology (3)**

A comparison and explanation of the similarities and differences in the behavior of different species of animals.

*Prerequisite:* PSYC 103.

### **PSYC 321 Industrial Psychology (3)**

A study of the application of psychological principles to industrial organizations. Topics covered include individual differences, job satisfaction, supervision, personnel selection, training and placement.

*Prerequisite:* PSYC 103.

### **PSYC 329 Environmental Psychology (3)**

A study of the relationships between human behavior and the physical environment, including a consideration of such topics as the effects of the arrangement of interior spaces, structures of communities, crowding in urban environments, climate and natural disasters. Opportunity will be provided for student participation in research projects.

*Prerequisite:* PSYC 103.

### **PSYC 333 Health Psychology (3)**

An examination of psychological variables contributing to disease and the effects of illness and injury on behavior. Examples of topics treated include psycho-physiological disorders, impact of stress, pain mechanisms, medical settings and patient behavior, psychological approaches to prevention and management, and compliance.

*Prerequisite:* PSYC 103.

### **PSYC 334 Psychology of Stress (3)**

An examination of stress from physiological and psychological

perspectives. Presentation of empirical research and theoretical models. Examples of topics include occupational and performance stress, stress in animals, stressful life events, post-traumatic stress, sociocultural and familial stress and coping mechanisms.

*Prerequisite:* PSYC 103.

### **PSYC 335 Positive Psychology: Optimizing Psychological Well-being (3)**

Positive psychology involves the study of the factors involved in living a meaningful life. We will explore traits within the individual such as optimism and psychological hardiness that can facilitate positive life experiences. We also will examine how social institutions (families, communities, societies) include the well-being of the individual.

*Prerequisites:* PSYC 103

### **PSYC 344 Psychology of Substance Abuse (3)**

This course presents an overview of psychologically based models for understanding why individuals engage in substance abuse. Emphasis is on cognitive, emotional and behavioral factors that explain why some individuals transition from casual use to substance abuse. Approaches to prevention, treatment and contemporary drug policy issues will be considered.

*Prerequisites:* PSYC 103 and 221

### **PSYC 349 Psychology of Entrepreneurship (3)**

Entrepreneurial ventures begin when people recognize and act upon market opportunities. From an initial business idea to the time that a firm is organized, most of the critical processes involve the psychological characteristics and actions of individuals. This course examines those psychological processes in detail through lectures, discussion and case studies.

*Prerequisites:* MATH 104, or PSYC 211 or DSCI 232 and junior standing or permission of the instructor.

### **PSYC 350 Psychology of Gender (3)**

This course presents social, cognitive, biological, evolutionary and cross-cultural perspectives on gender, including gender development and roles. Major themes include nature and nurture



contributions to gender, gender differences versus similarities, gender versus sex, the influence of gender assumptions, biases and roles, and challenging prejudice to improve gender relations.

*Prerequisite:* PSYC 103.

### **PSYC 351 Principles of Neurobiology (3)**

The first course of a two-semester series that serves as a rigorous introduction to the field of neuroscience. The first semester focuses on brain anatomy, cellular and molecular function of neurons and development of nervous systems. The course is team-taught by faculty from the Departments of Biology and Psychology.

*Prerequisites:* PSYC 103, BIOL 111, 112, and BIOL 211 or PSYC 214.

### **PSYC 352 Neurobiology and Behavior (3)**

The second course of a two-semester series that serves as a rigorous introduction to the field of neuroscience. This course focuses on sensory and motor systems, neural regulatory systems, functional neuroanatomy and behavioral/cognitive neuroscience.

*Prerequisite:* BIOL/PSYC 351 or PSYC 214.

### **PSYC 353 Hormones and Behavior (3)**

Hormones modulate most social behaviors (reproductive, parental, aggressive) expressed by animals. This course examines how hormones interact with the nervous system to produce these complex behaviors. Taking a comparative approach, the course draws examples of neuroendocrine function from throughout the animal kingdom including fish, birds, reptiles, amphibians and mammals. Cross-listed with BIOL 353.

*Prerequisites:* PSYC 103 and PSYC 214 or PSYC 216.

### **PSYC 355 Sport Psychology (3)**

The scientific study of human behavior in the context of participating in sport and how sport performance is affected by the athlete, the team and its leadership as well as by the physical and interpersonal environment in which these individuals interact.

*Prerequisite:* PSYC 103 or permission of the instructor. This course is cross-listed

with PEHD 355. If a student has received credit for PEHD 355, the student may not receive credit for PSYC 355.

### **PSYC 356 Behavioral Genetics (3)**

This course explores the relationship between genetics and behavior. The course will focus on the ROLE of genetic and environmental factors that contribute to both animal and human behavior.

*Prerequisites:* PSYC 103 and BIOL 111 or permission of instructor.

### **PSYC 358 Nonverbal Communication (3)**

This course is a survey of research on how the body and voice are used in the communication of emotion, attitudes, status, and other messages. The roles of gestures, movement, facial expressions, gaze, interpersonal distancing, touch, taste, smell, physical appearance and paralanguage are considered.

*Prerequisites:* PSYC 103, 211 and 220 or 250, or permission of the instructor.

### **PSYC 370 Tests and Measurements (3)**

A consideration of the history, theory and techniques of psychological measurement. Attention is given to the measurement of intelligence, personality, interests, attitudes and aptitudes. Limited experience in test administration and interpretation is provided.

*Prerequisites:* PSYC 103, 211 and 220 or PSYC 250.

### **PSYC 372 Applied Behavior Analysis (3)**

A study of the application of the principles of operant and respondent conditioning to the control of human behavior, both normal and disordered, including a consideration of the moral and social implications of the behavior control technologies.

*Prerequisites:* PSYC 103, 213, 211 and 220 or PSYC 250.

### **PSYC 375 Topics in Child and Adolescent Development (3)**

This course will give students a more advanced exposure to topics in child and/or adolescent development-e.g., socio-emotional/moral development; the role of parenting in child development; early developmental neuroscience; optimal development, etc. Students will gain a more comprehensive

understanding of both the major developmental theories and the developmental research methodologies.

*Prerequisites:* PSYC 103; 211 and 220 (or PSYC 250); PSYC 224 (formerly 311)

### **PSYC 376 Mass Media and Human Development (3)**

An examination of the psychological literature on the role media play in the growth and development of human beings across the life span. Attention is given to theoretical formulations, research methods and to the social milieu that helps to form the media.

*Prerequisites:* PSYC 103, 224, 211 and 220 or PSYC 250.

### **PSYC 378 Psychology of Language (3)**

The reception, comprehension, and expression of language will be considered from psychological perspectives. Examples of topics include the biological basis of language, the social uses of language, speech perception and production, psycholinguistics and language development.

*Prerequisites:* PSYC 103, 215; 211 and 220 or 250 or permission of instructor.

### **PSYC 386 Behavioral Pharmacology (3)**

This course is a survey of behaviorally active drugs with emphases on neurochemical and behavioral mechanisms of action.

*Prerequisites:* PSYC 103; PSYC 214 or BIOL/PSYC 351; PSYC 211 and 220(or 250 in lieu of 211 and 220) or BIOL 211 and MATH 250; or permission of the instructor.

### **PSYC 387 Neuropsychology (3)**

This course is an in-depth focus on brain-behavior relationships in humans. Topics include neuroanatomy, neurophysiology, cognitive theory and research methods. Theories of brain function are examined along with the clinical procedures for measuring brain integrity. Additionally, neurological disorders (e.g., stroke, brain injury) and methods of neurorehabilitation are explored.

*Prerequisites:* PSYC 103; PSYC 214 or BIOL/PSYC 351; PSYC 211 and 220(or 250 in lieu of 211 and 220) or BIOL 211

and MATH 250; or permission of the instructor.

### **PSYC 389 Child Psychopathology (3)**

A comprehensive overview of the field of abnormal child psychology. Coverage will emphasize the multidimensional, reciprocal nature of child behavior problems within a developmental, clinical/diagnostic and experimental framework. Topical coverage will include definitions, theories, clinical presentation, research, assessment and treatment issues related to various externalizing and internalizing symptomatology.

*Prerequisites:* PSYC 103, 221, 211 and 220 **or** PSYC 250.

### **PSYC 390 Research Design and Interpretation (3)**

The principles of experimental and non-experimental research designs and the interpretation of data. The designs will be selected from simple randomized designs, factorial designs, within-subject designs, mixed designs, single subject designs and correlation designs, each analyzed by the appropriate statistical tests.

*Prerequisites:* PSYC 103, 211 and 220 **or** 250.

### **PSYC 392 Scientific Foundations of Clinical Psychology (3)**

A study of scientific methods of research and practice in clinical psychology. Examples of topics include the scientist-practitioner model of clinical training, development and evaluation of psychometric tools, clinical research methods and statistical techniques, evaluation of psychotherapy outcomes, and other issues related to psychological interventions.

*Prerequisites:* PSYC 103, 221, 211 and 220 **or** PSYC 250

### **PSYC 394 History and Systems of Psychology (3)**

A study of psychological theory in historical context. Topics will include functionalism, behaviorism, Gestalt psychology and psychoanalysis.

*Prerequisites:* PSYC 103, 211 and 220 **or** PSYC 250 and at least 12 additional hours in psychology.

### **PSYC 397 Internship Experience (3)**

This course provides the student interested in the application of psychological theories and principles an opportunity to have an applied learning experience in a pre-approved agency or organization. The learning experience will be guided by an individualized learning contract that will specify the academic and work components of the experience.

*Prerequisites:* This class is open to junior or senior psychology majors with an overall and major GPA of 3.0. Students must have successfully completed the following courses before they are eligible to apply: PSYC 211, 213, 214, 215 and 220.

### **PSYC 404 Teaching Mentorship (3)**

The goal of a teaching mentorship is to create a dual-mentorship opportunity: the Professor provides mentorship to the student (the Teaching Mentor) on various aspects of high-quality instruction and the Teaching Mentor provides mentorship for the students in the course which they have been assigned. Repeatable up to six credits.

*Prerequisites:* PSYC 103. If they are mentoring for a course other than PSYC 103, they will have to have taken the course for which they are mentoring. In addition, professors may request additional course experiences, depending upon the course to which the student is being assigned. Open only to junior and senior psychology majors with a minimum Psychology GPA of 3.0 (or permission of the instructor).

### **PSYC 410 Special Topics in Psychology (1-4)**

An examination in depth of an area of current theoretical or research interest. Choice of topic will depend upon the interests of students and instructor.

*Prerequisite:* PSYC 103; PSYC 211 and 220 (or 250 in lieu of 211 and 220); declared psychology major or instructor permission for non-majors  
*NOTE: Repeatable up to 6 credit hours.*

### **PSYC 446 Special Topics in Neuroscience (3)**

A special topics course designed to supplement course offerings in neuroscience.

*Prerequisites:* Junior or senior standing and permission of the instructor.

### **PSYC 447 Seminar in Neuroscience (3)**

A seminar course exposing students to cutting-edge neuroscience research. Research seminars by neuroscientists will be combined with the reading and discussion of primary literature. Students will learn to effectively write about and present their own ongoing research projects. This course serves as a capstone experience for students pursuing a minor in neuroscience.

*Prerequisites:* BIOL/PSYC 351/352

*Co-requisite:* BIOL/PSYC 448 or permission of the instructor. Students engaged in independent research or a bachelor's essay will be given priority for enrollment.

### **PSYC 448 Bachelor's Essay in Neuroscience (6)**

A year-long senior research project conducted under the supervision of a faculty member in the neuroscience program at CofC or MUSC. Along with the faculty mentor, the student must submit a written project proposal for approval prior to course registration. This course is designed for students who are working towards a neuroscience minor.

*Prerequisites:* BIOL/PSYC 351 and 352 and permission of both the student's major department and the neuroscience program director.

### **PSYC 460 Advanced Conditioning and Learning with Lab (3)**

This capstone course provides an in-depth examination of various theories and practices in the area of conditioning and learning. Additionally, students will conduct research using methods common in the field. Examples of topics covered in this course include: response acquisition, schedules of reinforcement, extinction, and response reinstatement.

*Prerequisites:* PSYC 103, PSYC 211, PSYC 220, PSYC 213, and junior or senior status. Students make take PSYC 250 in lieu of PSYC 211 and 220.

### **PSYC 462 Advanced Social Psychology with Lab (3)**

This capstone course provides an in-depth examination of various theories and practices in the area of social psychology. Additionally, students will

conduct research using methods common in the field. Examples of topics covered in this course include: social cognition, conformity, group processes, and prejudice.

*Prerequisites:* PSYC 103, PSYC 211, PSYC 220, PSYC 223, and junior or senior status. Students make take PSYC 250 in lieu of PSYC 211 and 220.

### **PSYC 464 Advanced Behavioral Neuroscience with Lab (3)**

This capstone course provides an in-depth examination of various theories and practices in physiological psychology. Additionally, students will conduct research using methods common in the field. Examples of topics covered in this course include: psychopharmacology, neuroendocrinology, neuroanatomy, and animal behavior.

*Prerequisites:* PSYC 103, PSYC 211, PSYC 220, PSYC 214, and junior or senior status. Students make take PSYC 250 in lieu of PSYC 211 and 220.

### **PSYC 466 Advanced Sensation and Perception with Lab (3)**

This capstone course provides an in-depth examination of various theories and practices in the area of sensation and perception. Additionally, students will conduct research using methods common in the field. Examples of topics covered in this course include psychophysics and its application to the assessment of visual and tactile modalities.

*Prerequisites:* PSYC 103, PSYC 211, PSYC 220, PSYC 216, and junior or senior status. Students make take PSYC 250 in lieu of PSYC 211 and 220.

### **PSYC 468 Advanced Cognitive Psychology with Lab (3)**

This capstone course provides an in-depth examination of various theories and practices in the area of cognitive psychology. Additionally, students will conduct research using methods common in the field. Examples of topics covered in this course include: attention, pattern recognition, memory processes, and language comprehension.

*Prerequisites:* PSYC 103, PSYC 211, PSYC 220, PSYC 215, and junior or senior status. Students make take PSYC 250 in lieu of PSYC 211 and 220.

### **PSYC 469 Advanced Developmental with Lab (3)**

This capstone provides an in-depth examination of various theories and practices in the area of developmental psychology. Additionally, students will conduct research using methods common in the field. Examples of topics covered in this course include: Theory of mind and executive function development, social/moral development, effectiveness of learning tools, parenting outcomes and interventions.

*Prerequisites:* PSYC 103, PSYC 211, PSYC 220, PSYC 224, and junior or senior status. Students make take PSYC 250 in lieu of PSYC 211 and 220.

### **PSYC 497 Tutorial (3)**

This course affords students the opportunity to explore and learn about a particular area of study in Psychology by engaging in an extensive literature review. Along with the time students spend reading primary source materials, they are also expected to meet regularly with their research supervisor.

*Prerequisites:* Junior or senior standing, plus permission of the tutor and the department chair.

### **PSYC 498 Independent Study (1-3)**

This course affords students the opportunity to obtain empirical skills and research experience in a supportive academic environment. Students will have the opportunity to read primary literature in the field, learn about skills and techniques used by researchers in the field, and learn about how the data collected in a study are analyzed and disseminated.

*Prerequisites:* PSYC 211 and 220 **or** PSYC 250. Open to junior and senior psychology majors with the permission of a faculty member as supervisor and of the department chair. Formal written application stating the nature of the project and presenting evidence of sufficient background knowledge for the enterprise must be submitted prior to registration. Open only to students having a GPA of at least 3.0 in psychology courses.

*Note:* No more than six semester hours in independent study may be applied toward the major.

### **PSYC 499 Bachelor's Essay (6)**

This course affords students the opportunity to execute a year long intensive, empirical research project in a supportive academic environment. Students will have the opportunity to: read primary literature in the field, learn about skills and techniques used by researchers in the field, work with their mentor to develop a suitable research experience, be involved in data analysis, and produce a written dissemination of the project. Along with the time students spend conducting research, they are also expected to meet regularly with their research supervisor.

*Prerequisites:* Open to psychology majors with an overall GPA of at least 3.4; PSYC 211 and 220 **or** PSYC 250.

## **Public Health Courses**

### **PBHL 215 Introduction to Public Health (3)**

This course is designed to introduce the basic tenets, applications, and foci of public health, including integrating public health with other health professions. It will provide a history of public health, an overview of the core disciplines, current events and issues in the field.

*NOTE:* This course is cross-listed with HEAL 215. If a student has received credit for HEAL 215, the student may not receive credit for PBHL 215.

### **PBHL 230 Global Health (3)**

This course provides an overview of the determinants that impact health outcomes around the globe. Special attention will be given to continents economically disadvantaged and currently suffering from major pandemics such as HIV/AIDS, TB and Malaria, and other emerging and re-emerging diseases.

*NOTE:* This course is cross-listed with HEAL 230. If a student has received credit for HEAL 230, the student may not receive credit for PBHL 230.

### **PBHL 336 Health Communication (3)**

This course will explore a broad overview of health communication research, theory, and practice, examining influences of communication on delivery

of care and promotion of health, and covering multiple levels, channels, media, and communication technologies. It will address concepts and issues that have emerged in health communication scholarship.

*Prerequisites:* COMM 104 or COMM 110; COMM 214 or COMM 215; or department chair permission.

*NOTE:* This course is cross-listed with sections of COMM 336 that cover health communication. If a student has received credit for COMM 336, the student may not receive credit for PBHL 336.

### **PBHL 350 Epidemiology (3)**

This course introduces the basic concepts of epidemiology and biostatistics as applied to public health problems. Emphasis is placed on the principles and methods of epidemiologic investigation, appropriate summaries and displays of data, and the use of classical statistical approaches to describe the health of populations.

*Prerequisites:* HEAL 215 or PBHL 215

*NOTE:* This course is cross-listed with HEAL 350. If a student has received credit for HEAL 350 then a student may not receive credit for PBHL 350.

### **PBHL 405 Independent Study in Public Health (1-3)**

Research in a specified public health area in consultation with a faculty member who will guide the work and determine the hours of credit. Open to junior and senior public health majors with permission of the instructor and the program director. Students may receive no more than six credit hours for this course.

### **PBHL 495 Internship in Public Health (1-3)**

This course provides students with practical experience working with public health organizations. Course may be taken more than once, but no more than three credit hours may be earned toward the major.

*Prerequisites:* Junior or senior Public Health majors and a 2.5 GPA in public health.

## **Real Estate Courses**

### **REAL 310 Principles of Real Estate (3)**

A basic course designed to cover the legal, financial, economic and marketing concepts related to real estate. Topics include property rights (contracts, deeds, mortgages, leases, liens); property ownership (titles, closing of settlement, insurance, taxes); financing (interest rates and mortgage types); brokerage; and property evaluation.

*Prerequisite:* Junior standing.

### **REAL 360 Special Topics in Real Estate (1-3)**

An in-depth treatment of a current area of special concern or interest within the field of real estate.

*Prerequisites:* Junior standing; FINC 303.

### **REAL 376 Real Estate Market Analysis (3)**

A study of real estate markets introducing a comprehensive approach to market analysis for commercial and residential projects. At the micro-level, this approach accommodates feasibility studies, site selection proposals, as well as highest and best use analysis. At the macro-level, skills are introduced to forecast market direction in real estate.

*Co-requisites or prerequisites:* FINC 303 and junior standing.

### **REAL 380 Real Estate Investment Analysis (3)**

This course presents the fundamental concepts of real estate investment analysis. This course will provide a framework for making real estate investment decisions. Background topics include the legal foundation for real estate ownership, lease agreements and alternative ownership structures. The course will focus on the development of a financial decision-making model that will incorporate cash flow forecasting and risk analysis.

*Prerequisites:* Junior standing; ACCT 203, 204, FINC 303, ECON 200, 201, MATH 104 or 250, and REAL 310; or permission of the instructor.

### **REAL 410 Real Estate Finance (3)**

This course presents the fundamental concepts of real estate finance. The course provides a framework for understanding the flow of funds into the various real estate markets and how lenders assess risks and price their loans. The course will provide students with practical knowledge to make more informed career choices and an understanding of the institutions and instruments used to finance residential and commercial real estate.

*Prerequisites:* Junior standing; ACCT 203, 204, FINC 303, REAL 310, ECON 200, 201, and MATH 104 or 250; or permission of the instructor.

### **REAL 420 Real Estate Independent Study (1-3)**

The student will select a reading or research project in consultation with a faculty member, who will guide the work and determine the hours of credit to be allowed

*Prerequisites:* Junior standing; permission of instructor and chair.

### **REAL 444 Real Estate Internship (3)**

A supplemental source of learning and enhancement to the student's academic program and career objectives through experiential education engaging the student in a unique three-way partnership between an approved agency and the school. The learning experience will be guided by a learning contract outlining specific work and academic components.

*Prerequisites:* Senior standing; declared major or minor in the School of Business. See departmental internship coordinator for more details.

### **REAL 499 Bachelor's Essay (6)**

A year-long research and writing project completed under close supervision of a real estate faculty member. Faculty tutor will help in both the design and supervision of the project. A project proposal must be submitted in writing and approved by the department prior to registration for the course.

*Prerequisites:* Senior standing and department approval.

# Religious Studies Courses

## RELS 101 Approaches to Religion (3)

This course will introduce religious studies through a particular theme, such as holy people, the body, or death and the afterlife. Both religious phenomena and theories of interpretation will be covered.

## RELS 105 Introduction to World Religions (3)

An introductory survey of the major religions of mankind, beginning with a treatment of tribal religions and including Hinduism, Buddhism, Confucianism, Taoism, Judaism, Christianity and Islam.

## RELS 115 Religion and Society (3)

A study of the social and political dimensions of religion, including the role of religion in the framework of culture and history.

## RELS 120 Religion, Art, and Culture (3)

This course will introduce students to the aesthetic, cultural, and symbolic aspects of religion. In the context of comparative religious studies, topics may include the following: the visual arts, music, architecture, ritual performance, oral traditions, theatre, dance, literature, film, popular iconography or mass media.

## RELS 185 Women and Religion (3)

An examination of the images and roles of women within various religious traditions, along with a consideration of their impact on social attitudes and structures. The course will include such topics as the nature of the goddess, priestess, saint, witch, holy virgin and martyr.

## RELS 201 The Hebrew Bible: History and Interpretation (3)

An introductory study of the Hebrew Bible, or Old Testament, which considers the development of biblical literature in the context of ancient Near Eastern culture and history. Topics covered may include the telling of creation, the roots of monotheism, the interpretation of misfortune, prophecy and prophets, kingship and exile, the formation of the Hebrew canon and critical methods of scriptural study.

## RELS 202 The New Testament: History and Interpretation (3)

An introductory study of the New Testament. Readings from primary and secondary sources will concern the historical, social, religious and literary backgrounds of gospels, letters and the Apocalypse. Other topics covered may include the earliest Christian communities, the career of Paul, religious influences and the Greco-Roman world, women in the early churches, the formation of the Christian canon and critical methods of scriptural study.

## RELS 205 Sacred Texts of the East (3)

An introductory study of sacred texts in one or more Eastern religions (Hinduism, Buddhism, Taoism, Confucianism, Sikhism, Jainism, Shinto).

## RELS 210 Theories in the Study of Religions (3)

As a theoretical introduction to the academic study of religion, this course surveys a number of important debates in the history of religious studies, such as the insider/outsider problem, definitions of religion, theories on the origins of religion, the comparison of religions, and religion's psychological, sociological and political functions.

## RELS 220 Comparative Religious Ethics (3)

An examination of the nature of ethical doctrines within different religions, including the manner in which a particular religious ethics is grounded in text, culture and tradition.

## RELS 223 Religions of the Ancient Near East (3)

This course examines the religious beliefs and practices of peoples of the ancient Near East (Egyptians, Babylonians, Assyrians, Canaanites, Israelites, etc.). Topics include: the cosmos and the gods, kingship, the problem of suffering, the development of monotheism, death and afterlife, religion in everyday life, and magic and divination.

## RELS 225 The Jewish Tradition (3)

A multidisciplinary introduction to the history, beliefs, practices, and institutions of the Jewish tradition, from its biblical foundations to the modern state of Israel.

*Note: This course may not be taken for credit if credit has been received for JWST 200.*

## RELS 230 The Christian Tradition (3)

An examination of the Christian religious tradition from the perspective of history and practice. Attention will be given to the development of some of its religious ideas.

## RELS 235 The Islamic Tradition (3)

An examination of Islamic beliefs and practices, covering Muhammad's life, Islamic social and religious institutions, and the Sunni, Shi'ite, and Sufi traditions.

## RELS 240 The Buddhist Tradition (3)

An examination of the early beliefs, practices, and doctrines of Buddhism, the formation of monastic communities, and the historical development of both Theravada and Mahayana Buddhism. Exemplary texts from the Buddhist tradition, religious symbolism and art, soteriological theory and social context will also be discussed.

## RELS 245 The Hindu Tradition (3)

An examination of Hindu religious beliefs and practices in their Indian context, with emphasis on primary texts, doctrines, rituals and the arts. Attention will be given to the change and development of Hindu religious ideas. The influences of Islam, Jainism and Buddhism will also be explored.

## RELS 248 Religious Traditions of China and Japan (3)

An examination of the religious traditions of China and Japan with special emphasis on the classical periods. Topics will include folk religion, ritual and festival, arts and sacred architecture. The primary focus will be on Confucianism, Taoism, Chinese Buddhism, Shinto and the various schools of Zen.

## RELS 250 Religion in America (3)

A survey of various issues of American religion, covering such topics as the role of religion in the African-American experience, denominational religious histories, religion in American reform movements and American theological traditions.

## RELS 255 Philosophy of Religion (3)

An examination of issues such as the nature of religious experience, arguments for the existence of God, the conflict

between reason and faith, immortality, the nature of miracles, and the problem of evil.

*Note: This course may not be taken for credit if credit has been received for PHIL 255.*

### **RELS 260 Native American Religions (3)**

An introduction to the indigenous religions of the Americas, including such topics as: cosmology, oral myth traditions, socio-religious organization, ceremonial cycles, worldview and religious experience.

### **RELS 270 African-American Religions (3)**

This course explores the diversity of African-American religions, from African roots to the Civil Rights Movement, from Rastafari to Buddhism, from major Christian denominations to Voodoo and Gullah folk magic. A key concern is the way in which religious beliefs, practices and institutions inform African-American life and culture.

### **RELS 275 Religious Tradition and Scientific Inquiry (3)**

This course introduces the study of the interaction between science and religion. It will examine how religion influenced the development of modern science; how modern science then impacted religious belief and practice; and how diverse such mutual influences have been, especially with regard to ecology, evolution, physics and psychology.

### **RELS 280 Religion and Film (3)**

This course will look at the religious themes in a variety of films (to be screened in class). Films may be analyzed from a variety of narrative, symbolic, theological or historical approaches. Students will become familiar with various approaches to religious studies, and with the basic analysis of film vocabulary.

### **RELS 285 Religion and Feminism (3)**

Students will be introduced to the feminist critique and patriarchal religion as it is applied to ritual practices, institutional organizations, ethics, and the interpretation of sacred texts and religious writings.

### **RELS 298 Special Topics in Religious Studies (3)**

An examination of a special topic in religious studies. May be repeated for credit if the subject varies.

### **RELS 301 Mysticism and Religious Experiences (3)**

An examination of the breadth and variety of mystical and religious experiences, with special consideration given to their symbols, dynamics and historical interpretations.

*Prerequisite:* Either three semester hours in religious studies or permission of the instructor.

### **RELS 305 Topics in Indigenous Religions (3)**

A comparative examination of topics and themes central to the study of indigenous religions. Topics covered may include the following: cosmology, shamanism, ritual, sacred art, oral traditions, myth, rites of passage and social and religious organization. May be repeated for credit if the subject varies.

*Prerequisite:* Either three semester hours in religious studies or permission of the instructor.

### **RELS 310 Sacred Texts (3)**

A critical analysis of selected major texts from the world's religious traditions. May be repeated for credit with the permission of the instructor if the texts vary.

*Prerequisite:* Either three semester hours in religious studies or permission of the instructor.

### **RELS 315 New Religious Movements (3)**

An interdisciplinary examination of the formation and development of New Religious Movements, using historical and contemporary case studies to test a variety of theoretical perspectives. Topics may be organized thematically and include popular perceptions of New Religions ("cults"), issues of political contestation, the role of the media and the impact of globalization on these movements.

*Prerequisite:* Either three semester hours in religious studies or permission of the instructor.

### **RELS 335 Western Esotericism (3)**

This course will cover a range of topics in esoteric studies from classical Greco-Roman religions to contemporary Britain and America. Possible topics covered: magic, gnosticism, hermeticism, neoplatonism, alchemy, kabbalah, tarot, grail, knightly orders, rosicrucian and masonic groups, theosophy, secret societies, modern magical orders, occultism and eastern religious influences.

*Prerequisite:* Either three semester hours in religious studies or permission of the instructor.

### **RELS 340 Advanced Topics in Asian Religions (3)**

Advanced study in the practices, beliefs, institutions, and symbolic representations of Asian religious traditions, such as Buddhism, Hinduism, Taoism or Confucianism. A number of thematic topics that arise in the study of a religion within specific Asian cultural contexts will be explored, using a variety of interdisciplinary methods. May be repeated for credit if the subject varies.

*Prerequisite:* Either three semester hours in religious studies or permission of the instructor.

### **RELS 348 Asian Religions in America (3)**

This course traces the history of various Asian religions (including one or more of Buddhism, Hinduism, Sikhism, Taoism, Islam, and Christianity), as they become part of the American religious landscape. Modes of transmission to be examined include immigration, mission work, literature and mass media.

*Prerequisite:* Either three semester hours in religious studies or permission of the instructor.

### **RELS 350 Phenomenology of Religion (3)**

A critical exploration of themes in the phenomenology of religion. Topics will vary, and may include such themes as sacred time and space; and magic and divination. May be repeated for up to six hours of credit if the subject matter varies.

*Prerequisite:* Either three semester hours in religious studies or permission of the instructor.

**RELS 360 Myth, Ritual, and Symbol (3)**

This course examines the role of myth, ritual and symbol in the religious traditions of the world.

*Prerequisite:* Either three semester hours in religious studies or permission of the instructor.

**RELS 365 Religion and Psychology (3)**

This course will examine a range of topics in the field of Religion and Psychology, including major theorists in the field (Freud, Jung, Maslow, Frankl); Asian and western models of the psyche, religious violence, authoritarianism, faith and healing, and a variety of religious experiences. Invited speakers may offer additional perspectives.

*Prerequisites:* Three credit hours in religious studies or instructor permission

**RELS 375 Topics in the History of Religions (3)**

A critical exploration of selected topics, figures or issues in the history of religions. May be repeated for credit if the subject varies.

*Prerequisite:* Either three semester hours in religious studies or permission of the instructor.

**RELS 381 Religious Studies Internship (1-4)**

An opportunity for advanced students to gain practical experience through supervised field placement in areas related to the comparative study of religions. Students will be expected to produce specific assignments that reflect agreed-upon learning goals under the direction of a department faculty member.

*Prerequisites:* RELS 101 or 105, RELS 210, and six (6) additional credits of RELS 200- or 300-level coursework. The student must be a junior or senior in good academic standing, with a minimum 3.0 in the major and an overall GPA of 2.5, be a major or minor in religious studies, and have the permission of the instructor. Course prerequisites may vary depending on the nature of the placement. Students must sign up for the internship through an approval process initiated the semester preceding the actual internship.

**RELS 399 Tutorial (3, Repeatable up to 12)**

Individual instruction given by a tutor in regularly scheduled meetings (usually once a week). The student must take the initiative in seeking a tutor to help in both the design and the supervision of the project. A project proposal must be submitted in writing and approved by the department prior to registration for the course.

*Prerequisites:* Either three semester hours in religious studies or permission of the instructor. Junior standing plus permission of the tutor and the department chair.

**RELS 405 Advanced Studies in Religion (3)**

An examination of a selected tradition, theme, or problem in the study of religion. May be repeated for up to six hours of credit, if the subject matter varies.

*Prerequisite:* Either nine semester hours in religious studies or permission of the instructor.

**RELS 450 Senior Seminar in Religious Studies (3)**

An intensive examination of selected theoretical or methodological issues in religious studies. May be repeated for credit.

*Prerequisites:* RELS 210, junior or senior religious studies major with at least nine semester hours in religious studies, or permission of the instructor.

**RELS 451 Capstone Colloquium (1)**

This course offers a student-centered review of the major with emphasis on integrating student learning, analyzing past research interests, composing an intellectual autobiography, and acquiring practical writing skills for a variety of post-graduate circumstances. Visiting speakers and alumni may offer additional perspectives on the prospects of a religious studies degree.

*Prerequisites:* RELS 210, RELS 450, junior or senior Religious Studies major, minimum of 12 credit hours in religious studies, or instructor permission.

**RELS 499 Bachelor's Essay (6)**

A year-long research and writing project done during the senior year under the close supervision of a tutor from the

department. The student must take the initiative in seeking a tutor to help in both the design and the supervision of the project. A project proposal must be submitted in writing and be approved by the department prior to registration for the course.

*Prerequisites:* Either nine semester hours in religious studies or permission of the instructor. RELS 210, which cannot be taken concurrently with RELS 499.

## Russian Courses

**RUSS 101 Elementary Russian (3)**

Introduces the fundamental structures of Russian with emphasis on acquisition of the basic language skills: reading and listening comprehension, oral and written expression.

*Prerequisite:* Open only to beginning students of Russian.

**RUSS 101C Elementary Russian Conversation Supplement (1)**

A one-hour weekly session for intensive listening/ speaking practice in Russian utilizing vocabulary and grammatical structure presented in the corresponding basic course.

*Note:* Conversation course credit may not be applied to fulfill the languages requirement nor may it count towards the Russian studies minor.

**RUSS 102 Elementary Russian (3)**

Introduces the fundamental structures of Russian with emphasis on acquisition of the basic language skills: reading and listening comprehension, oral and written expression.

*Prerequisite:* RUSS 101.

**RUSS 102C Elementary Russian Conversation Supplement (1)**

A one-hour weekly session for intensive listening/ speaking practice in Russian utilizing vocabulary and grammatical structure presented in the corresponding basic course.

*Note:* Conversation course credit may not be applied to fulfill the languages requirement nor may it count towards the Russian studies minor.

**LTRS 110 Russian Folktales in Translation (3)**

This course is an overview of the Russian folktale tradition. While pointing out the similarities between the Russian and other folktale traditions (from both Eastern and Western civilizations), the course will explore the uniqueness and charm of the Russian folktale and provide insight into Russian culture and traditions.

**RUSS 201 Intermediate Russian (3)**

Development of proficiency in Russian and familiarity with Russian culture through practice in the use of the basic language skills (listening, speaking, reading and writing) and acquisition of vocabulary.

*Prerequisite:* RUSS 102 or placement.

**RUSS 201C Intermediate Russian Conversation Supplement (1)**

A one-hour weekly session for intensive listening/ speaking practice in Russian utilizing vocabulary and grammatical structure presented in the corresponding basic course.

*Note: Conversation course credit may not be applied to fulfill the languages requirement nor may it count towards the Russian studies minor.*

**RUSS 202 Intermediate Russian (3)**

Development of proficiency in Russian and familiarity with Russian culture through practice in the use of the basic language skills (listening, speaking, reading and writing) and acquisition of vocabulary.

*Prerequisite:* RUSS 201 or placement.

**RUSS 202C Intermediate Russian Conversation Supplement (1)**

A one-hour weekly session for intensive listening/ speaking practice in Russian utilizing vocabulary and grammatical structure presented in the corresponding basic course.

*Note: Conversation course credit may not be applied to fulfill the languages requirement nor may it count towards the Russian studies minor.*

**RUSS 295 Russian for Mass Media (3)**

This course is aimed at all students of Russian who have an interest in Russian area studies or international affairs. This course will provide linguistic tools and socio-cultural topics in Russia related to

foreign and domestic issues, economics and business.

*Prerequisite:* RUSS 202 or permission of the instructor.

**RUSS 313 Russian Conversation and Composition (3)**

Intensive practice in the spoken and written language based on contemporary Russian materials and sources.

**RUSS 313C Russian Conversation and Composition Conversation Supplement (1)**

A one-hour weekly session for intensive listening/ speaking practice in Russian utilizing vocabulary and grammatical structure presented in the corresponding course.

*Note: Conversation course credit may not be applied to fulfill the languages requirement nor may it count towards the Russian studies minor.*

**RUSS 314 Russian Conversation and Composition (3)**

Intensive practice in the spoken and written language based on contemporary Russian material and sources.

*Prerequisites:* RUSS 202 or permission of the instructor.

**RUSS 314C Russian Conversation and Composition Conversation Supplement (1)**

A one-hour weekly session for intensive listening/ speaking practice in Russian utilizing vocabulary and grammatical structure presented in the corresponding course.

*Note: Conversation course credit may not be applied to fulfill the languages requirement nor may it count towards the Russian studies minor.*

**RUSS 330 Collateral Study (1-3)**

Individually supervised course of reading in Russian and in the subject area of a concurrent course offered by another department. The nature and extent of readings will be determined in consultation among student, instructor of the primary subject-matter course, and the language instructor, who will supervise and evaluate the student's linguistic performance. A collateral study course may be repeated up to a maximum of six credit hours in conjunction with other primary courses.

**RUSS 331 Business Russian (3)**

A course to develop the communicative skills for doing business in a Russian-speaking environment; it provides the linguistic tools for performing typical business functions in actual business contexts. Focus is on practical applications of Russian to business including individual and group projects on awareness of social, political, cultural issues, as they differ in Russia, enhanced by selected readings, written documents, simulated real-life situations. Readings and discussions are in Russian.

*Prerequisite:* RUSS 202 or permission of the instructor.

**RUSS 390 Special Topics (3)**

Intensive study of a particular subject or theme (specific topics will be listed in the schedule of courses when offered; e.g., Russian Women Poets).

*Prerequisite:* RUSS 313 or RUSS 314 or permission of the instructor.

**LTRS 120 Window into Russia: The Major People, Events, and Influences of Russia's Cultural History (3)**

This course, taught in English, will provide an overview of Russia's origins, main figures, historical events, and cultural development, including Russian poetry and prose of the 18-20th century, music and dance, familiar art works, and popular entertainment.

**LTRS 150 Russian Literature in (English) Translation (3)**

Study of selected works from a number of literatures that offer different perspectives on the world and humankind.

**LTRS 210 19th Century Russian Literature in (English) Translation (3)**

Russian civilization, history and customs will be studied and analyzed through literature. Consideration will be given to authors such as Pushkin, Gogol, Lermontov, Turgenev, Dostoevsky, Tolstoy and Chekhov.

**LTRS 220 20th Century Russian Literature in (English) Translation (3)**

This course is an overview of Russian Literature of the first half of the 20th century. Russian civilization, history and customs will be studied and analyzed through literature. Consideration will be given to authors such as A. Blok, B.



Pasternak, A. Akhmatova, M. Bulgakov, E. Zamyatin, I. Babel and O. Mandelshtam.

### **LTRS 250 Russian Literature in (English) Translation (3)**

Study of selected works, representing major literary periods and genres that illuminate another language and culture or era of a shared human condition.

### **LTRS 270 Studies in Russian Film (3)**

An introductory course on Russian cinema with rotating topics such as "Russian Literature on the Screen," "Russian Cinema during the Period of the Thaw and Stagnation," and "Post-Soviet Cinema."

*Note: Taught in English. May be repeated under a different topic.*

### **LTRS 350 Russian Literature in (English) Translation (3)**

Study of selected works by a Russian author whose influence is felt in the world at large.

### **LTRS 450 Russian Literature in (English) Translation (3)**

A study of selected works by major authors representing different cultures with emphasis on common themes as viewed from the perspectives of these writers.

## **Sociology Courses**

### **SOCY 101 Introduction to Sociology (3)**

Have you ever wondered why people behave the way they do? In this class you will gain a scientific understanding of the social world by observing human behavior, including culture, socialization, social inequality, and more, through the window of the sociological perspective—the deeper understanding of how society affects you and how you affect society.

### **SOCY 102 Contemporary Social Issues (3)**

This class examines how societies create, perpetuate, and address contemporary social issues, including crime, poverty and economic inequality, racial, ethnic and gender discrimination and environmental degradation. You will

engage in a discussion regarding your civic responsibility to become involved in efforts to address these issues in a local and global context.

### **SOCY 103 Sociology of the Family (3)**

An analysis of the family in its social context. Emphasis placed on how socio-cultural factors influence social interaction within families, on social change effects on families and on the relationship of families to the total social system.

### **SOCY 109 Special Topics in Sociology (3)**

A seminar focused on a specific topic within sociology that introduces students to the discipline, its way of thinking and methods of conducting research.

### **SOCY 260 Development of Social Thought (3)**

The emergence of sociology as a response to the Industrial Revolution and as an attempt to develop a scientific understanding of social organization, behavior and change. Reviews the historical origins of social ideas about society and how these affect modern sociological thinking. This is a required foundation course for Sociology majors and minors completed during the first 18 hours.

*Prerequisite:* SOCY 101 or HONS 167 or SOCY 102.

### **SOCY 271 Introduction to Social Research (3)**

An introduction to theories and philosophies of social research; tasks and issues in designing research; and sociological methods of data collection. This is a required foundation course for Sociology majors and minors completed during the first 18 hours. Students from other fields welcome.

*Prerequisite:* SOCY 101 or HONS 167 or SOCY 102.

### **SOCY 272 Making Sense of Sociological Data (3)**

Introduction to widely used techniques for analyzing quantitative sociological data. Attention to statistical description and inference, presentation of data, interpreting statistical analyses, and using software for statistical analysis. This is a required foundation course for Sociology majors and minors completed during the

first 18 hours. Students from other fields welcome.

*Prerequisite:* SOCY 101 or HONS 167 or SOCY 102.

### **SOCY 290 Field Experience (1-3)**

This course will be paired with appropriate sociology courses where the course curriculum will benefit from supplemental experiences outside the classroom or where more individualized instruction is necessary in the field.

*Prerequisite:* Must have the prerequisite for the course paired with SOCY 290 or permission of instructor.

*Co-requisite:* Sociology courses deemed appropriate by instructors.

### **SOCY 331 Society and the Individual (3)**

A survey of the manifold ways in which social structure and personality interact. Among the topics covered will be socialization, attitude formation and change, cognition and perception and collective behavior.

*Prerequisite:* SOCY 101 or HONS 167 or SOCY 102.

### **SOCY 332 Collective Behavior (3)**

An examination of the theories and literature, both historical and contemporary, relevant to the more dramatic forms of human social behavior: panics, riots, revolutions and the like.

*Prerequisite:* SOCY 101 or HONS 167 or SOCY 102.

### **SOCY 335 Aging and the Family (3)**

With increasing life expectancy and the enormous growth in the 65+ population, family as a social institution has experienced unprecedented change. We will examine how the graying of the population has brought about fundamental changes in family relationships and structure.

*Prerequisite:* SOCY 101 or HONS 167 or SOCY 102.

### **SOCY 336 Death and Dying (3)**

Review of historical and contemporary perspectives on dying and death, including current American practices regarding death, as well as cross-cultural interpretations. Terminal illnesses, biomedical ethical issues, the legal aspects of dying, and the business of

dying are discussed in addition to dying and grieving throughout the life cycle.

*Prerequisite:* SOCY 101 or HONS 167 or SOCY 102.

### **SOCY 337 Prejudice (3)**

This course examines what prejudices are, how they are formed, the consequences they have and the social purposes they serve. Three types of prejudice are investigated: race, class and gender. In addition, the course explores the relationship between prejudice and discrimination and the conditions under which changes in prejudice occur.

*Prerequisite:* SOCY 101 or HONS 167 or SOCY 102.

### **SOCY 339 Special Topics in Social Psychology (3)**

An intensive examination of some special topic in social psychology. Formulation of the specific subject matter for the course will reflect both student and faculty interest.

*Prerequisite:* SOCY 101 or HONS 167 or SOCY 102.

### **SOCY 340 Medical Sociology (3)**

This course presents a critical perspective on the institution of medicine in society and examines the socio-cultural aspects of health and illness, the epidemiology and social demography of health, the behaviors associated with health and illness, the medical professions in a changing society, the social construction of health and illness, the medicalization of diagnostic and treatment processes and health care delivery systems regarding medical care.

*Prerequisite:* SOCY 101 or HONS 167 or SOCY 102.

### **SOCY 341 Criminology (3)**

This course explores the social and political forces that shape what becomes defined as criminal behavior and how society reacts to crime. The course will consider the principle theories of crime and their application to contemporary crime issues, including corrections, rehabilitation, the organization of crime as entrepreneurial activity, and crime prevention programming.

*Prerequisite:* SOCY 101 or HONS 167 or SOCY 102.

### **SOCY 342 Juvenile Delinquency (3)**

A detailed analysis of the nature, extent, and causative theories of juvenile delinquency, and an evaluation of treatment and preventative programs designed to reduce juvenile delinquency.

*Prerequisite:* SOCY 101 or HONS 167 or SOCY 102.

### **SOCY 344 Social Gerontology (3)**

An overview of the field of gerontology. The complex experience of aging is studied within a multidisciplinary approach, with emphasis on the contributions of research from sociology, biology and psychology. This course examines how society understands, experiences and views aging as well as how the aging understand, experience and view society.

*Prerequisite:* SOCY 101 or HONS 167 or SOCY 102.

### **SOCY 345 Social Policy (3)**

Traces the development of social policy in the United States as an attempt to deal with social problems and establish social control. The course critically evaluates U.S. social policy and political struggles over allocation of resources and organizations assembled to carry out policy.

*Prerequisite:* SOCY 101 or HONS 167 or SOCY 102.

### **SOCY 346 Environmental Sociology (3)**

Analyzes the current crisis of the global environment in both empirical and theoretical terms. Class, race, gender and globalization issues as related to environment, assumptions, and interests present in conceptualizations of environmental issues and solutions, and institutional and non-institutional agency in the creation of environmental problems and formation of environmental responses will be considered.

*Prerequisite:* SOCY 101 or HONS 167 or SOCY 102.

### **SOCY 348 Sociology of Alcohol and Drugs (3)**

The course will address social and cultural factors that affect drug use and the prevention and treatment strategies developed to deal with drug problems. Attention will be paid to the disease/behavioral disorder controversy, to the possibility of controlled use and to

the role played by self-help groups and therapeutic communities.

*Prerequisite:* SOCY 101 or HONS 167 or SOCY 102.

### **SOCY 349 Special Topics in Social Problems (3)**

An intensive examination of some special topic in social problems. Formulation of the specific subject matter for the course will reflect both student and faculty interest.

*Prerequisite:* SOCY 101 or HONS 167 or SOCY 102.

### **SOCY 351 Urban Sociology (3)**

An in-depth case-study and theoretical examination of contemporary urbanization with a focus on community, culture, politics, economics and environmental sustainability in relation to class, race and ethnicity and gender dimensions. The future of cities will also be addressed as we explore the relationship between urbanization and other key forces such as suburbanization, globalization, environmental deterioration and the technological and communications revolutions.

*Prerequisite:* SOCY 101 or HONS 167 or SOCY 102.

### **SOCY 352 Population and Society (3)**

An introduction to the basic concepts, theories, and methods of population analysis. In addition, major issues related to population growth will be examined from a problem-solving perspective.

*Prerequisite:* SOCY 101 or HONS 167 or SOCY 102.

### **SOCY 355 Science Technology and Society (3)**

This course examines the inter-relationships among science, technology and society. Students will explore the differences between science and technology and understand the symbiotic relationship between them. Changes in social organization resulting from the acceleration of scientific knowledge and new technology will also be investigated.

*Prerequisite:* SOCY 101 or HONS 167 or SOCY 102.

### **SOCY 356 Sociological Perspectives on Religion (3)**

An introduction to the study of religion as a social institution. Topics may

include the major classical and contemporary sociological theories on religious organization, experience and practice; the relationship between religious organizations and other social institutions; and the structure and change in the religious landscape in contemporary American society.

*Prerequisite:* SOCY 101 or HONS 167 or SOCY 102.

### **SOCY 357 Political Sociology (3)**

An overview of classic and contemporary understandings of political relations from the sociological perspective. This course focuses on the nature of power including sources of authority, political elites, functions of the state, political culture, political socialization, community power structures, patterns of political participation and social movements.

*Prerequisite:* SOCY 101 or HONS 167 or SOCY 102.

### **SOCY 358 Living in an Organizational World (3)**

Sociological thinking about organizations in contemporary society and their impact on our lives. Emphasis on exploring the range of frameworks to think about and explain organizational structures in a global context, the relationship between individuals in organizations, between individuals and organizations, and between organizations.

*Prerequisite:* SOCY 101 or HONS 167 or SOCY 102.

### **SOCY 359 Special Topics in Social Organization (3)**

An intensive examination of some special topics in social organization. Formulation of specific subject matter for the course will reflect both student and faculty interest.

*Prerequisite:* SOCY 101 or HONS 167 or SOCY 102.

### **SOCY 360 Class, Power, and Privilege (3)**

A critical analysis of the distribution of class, power and privilege in the United States, theories of class, power and mobility, and the implications of a global economy.

*Prerequisite:* SOCY 101 or HONS 167 or SOCY 102.

### **SOCY 361 Child Welfare (3)**

An in-depth sociological consideration of children as a minority group and of inequalities between different categories of children, with attention to issues such as child care, education, health, youth employment, poverty, child maltreatment, foster care, and adoption both internationally and domestically. Special attention will be given to describing and evaluating societal attempts to deal with these issues.

*Prerequisite:* SOCY 101 or HONS 167 or SOCY 102.

### **SOCY 362 Social and Cultural Change (3)**

The study of the sources, patterns, and consequences of social change in various social structures, social institutions and across historical and/or global contexts.

*Prerequisite:* SOCY 101 or HONS 167 or SOCY 102.

### **SOCY 364 Gender and Society (3)**

A survey of topics in the sociology of gender. Emphasis placed on the economy, family and state as gendered social institutions, and how changes in the cultural notions of gender take place within social institutions.

*Prerequisite:* SOCY 101 or HONS 167 or SOCY 102.

### **SOCY 365 Sociology of Music (3)**

This course analyzes music as a social phenomenon with special attention to race, class, gender, ethnicity, technology and social change. It looks at how musicians and their music influence society, and vice versa, using macro and micro sociological perspectives, embedded within various historical and cultural themes.

*Prerequisite:* SOCY 101 or HONS 167 or SOCY 102.

### **SOCY 366 Race and Ethnic Relations (3)**

An in-depth examination of the problems associated with race and ethnic relations in contemporary American society.

*Prerequisite:* SOCY 101 or HONS 167 or SOCY 102.

### **SOCY 369 Special Topics in Social Inequality (3)**

An intensive examination of some special topic in social inequality. Formulation of the specific subject matter for the course will reflect both student and faculty interest.

*Prerequisite:* SOCY 101 or HONS 167 or SOCY 102.

### **SOCY 381 Internship (1-6)**

The internship provides a supervised field experience with a local public, private or non-profit organization. The internship permits students to apply their relevant sociological or gerontological knowledge to meet the challenges of a practical setting.

*Prerequisite:* Junior standing, B average in sociology and overall average of C+, a major or minor in sociology, 12 hours in sociology and/or permission of the instructor. Course prerequisites may vary depending on the nature of the placement. Students should sign up for the internship the semester before they plan to complete the internship. Visit the sociology department for details for both sociology and gerontology internships.

### **SOCY 382 Student Research Apprenticeship in Sociology (1-6)**

Qualified students supervised by faculty engage in collaborative research with faculty. Activities may include interviews, observations, and questionnaire construction; data collection, transcribing, coding and analysis; interpreting data, writing articles and presenting research at professional conferences.

*Prerequisites:* GPA of 3.0 in sociology, a major or minor in sociology, and permission of the instructor. Other course prerequisites may vary depending on the nature of the placement.

### **SOCY 383 Student Academic Apprenticeship in Sociology (1-6)**

Qualified students selected and supervised by faculty engage in activities that facilitate teaching and learning in specific course(s). Activities may include helping with in-class activities and labs, holding discussion or review sessions; answering student questions.

*Prerequisites:* Junior standing, a GPA of 3.0 in sociology, a major or minor in sociology, and permission of the

instructor. Other course prerequisites may vary depending on the nature of the placement.

### **SOCY 390 Senior Seminar (3)**

A capstone course required of all sociology majors. Specific topics will vary depending on the instructor's interests and expertise. Students will be asked to demonstrate their understanding of the connection between theoretical perspectives, research methods and empirical results through examinations, a research project, an analytical paper, or some combination of the above.

*Prerequisites:* SOCY 101 or 102; 260, 271, 272 and 18 hours in the major. Or permission of the instructor.

### **SOCY 399 TUTORIAL (3, Repeatable up to 12)**

Individual instruction given by a tutor in regularly scheduled meetings (usually once a week).

*Prerequisites:* Junior standing plus permission of the tutor and the department chair.

### **SOCY 490 Independent Study (1-3)**

Individually supervised readings and study of some sociological work, problem or topic of the student's interest.

*Prerequisites:* Junior standing, GPA of 3.0 in sociology, an overall GPA of 2.5, a major or minor in sociology and permission of the instructor.

### **SOCY 492 Advanced Field Experience (1-6)**

This course will study sociology in the field rather than on campus in the traditional classroom setting. As a result, the class will meet in a retirement community, assisted living facility, a prison, or other setting relevant to the topic of the class.

*Prerequisite:* Permission of Instructor.

*Note:* This class will not be offered on a regular basis.

### **SOCY 499 Bachelor's Essay (6)**

A year-long research and writing project during the senior year under the close supervision of a tutor from the department. The student must take the initiative in seeking a tutor to help in both the design and supervision of the project. A project proposal must be submitted in

writing and approved by the department prior to registration for the course.

## **Spanish Courses**

### **SPAN 101 Beginning Spanish I (3)**

Introduces the fundamental structure of Spanish with emphasis on acquisition of the basic language skills: listening, speaking, reading and writing.

*Prerequisite:* Beginning students of Spanish or placement.

### **SPAN 101C Beginning Spanish I Conversation Supplement (1)**

A one-hour weekly session for intensive listening-speaking practice in Spanish utilizing vocabulary and grammatical structure presented in the corresponding basic course.

*Note:* A "C" course may be taken only in conjunction with the basic sequence course in which the student is currently enrolled or in conjunction with the corresponding intensive language course (150). Credit may not be applied to fulfill the language requirement nor may it count towards the major.

### **SPAN 102 Beginning Spanish II (3)**

Introduces the fundamental structure of Spanish with emphasis on acquisition of the basic language skills: listening, speaking, reading and writing.

*Prerequisite:* SPAN 101 or placement.

### **SPAN 102C Beginning Spanish II Conversation Supplement (1)**

A one-hour weekly session for intensive listening-speaking practice in Spanish utilizing vocabulary and grammatical structure presented in the corresponding basic course.

### **SPAN 150 Intensive Elementary Spanish (6)**

Equivalent to SPAN 101-102. An intensive course that introduces the fundamental structure of Spanish with emphasis on acquisition of the basic language skills: listening, speaking, reading and writing.

*Prerequisite:* Two years of high school Spanish, placement exam, or previous experience with a foreign language.

*Note:* This course covers the material of SPAN 101-102 in one semester. Classes meet five times a week, for a total of six hours of instruction. Having completed SPAN 101 or

102, students may not take 150 for credit; conversely, students who complete SPAN 150 may not receive credit for SPAN 101 or 102.

### **SPAN 190 Elementary Spanish I (3)**

Designed for students with some prior experience with Spanish, this course aims at building on that foundation, with emphasis on acquisition of the basic language skills: listening, speaking, reading, and writing.

*Prerequisite:* Placement (Entering students with 2-3 years of high school Spanish will be placed in SPAN 190).

### **SPAN 190C Elementary Spanish I Conversation Supplement (1)**

A one-hour weekly session for intensive listening-speaking practice in Spanish utilizing vocabulary and grammatical structure presented in the corresponding basic course.

*Co-requisite:* SPAN 190

*Note:* A "C" course may be taken only in conjunction with the basic sequence course in which the student is currently enrolled. Credit may not be applied to fulfill the language requirement nor may it count towards the major..

### **SPAN 200 Elementary Spanish II (3)**

Continuation of SPAN 190. This course emphasizes acquisition of the basic language skills: listening, speaking, reading, and writing, in preparation for SPAN 202.

*Prerequisite:* SPAN 190.

### **SPAN 200C Elementary Spanish II Conversation Supplement (1)**

A one-hour weekly session for intensive listening-speaking practice in Spanish utilizing vocabulary and grammatical structure presented in the corresponding basic course.

*Prerequisite:* SPAN 190 or placement.

*Co-requisite:* SPAN 200.

*Note:* A "C" course may be taken only in conjunction with the basic sequence course in which the student is currently enrolled. Credit may not be applied to fulfill the language requirement nor may it count towards the major.

### **SPAN 201 Beginning Spanish III (3)**

Develops a basic proficiency in Spanish and familiarity with Hispanic culture through practice in the use of the basic language skills and acquisition of vocabulary.

*Prerequisite:* SPAN 102 or 150 or placement.

### **SPAN 201C Beginning Conversation Supplement III (1)**

Optional one-hour weekly sessions for intensive listening-speaking practice in Spanish utilizing vocabulary and grammatical structure presented in a corresponding basic course.

*Note:* A "C" course may be taken only in conjunction with a basic sequence course in which the student is currently enrolled. "C" course credit may not be applied to fulfill the language requirement nor may it count in the major.

### **SPAN 202 Intermediate Spanish (3)**

Develops a basic proficiency in Spanish and familiarity with Hispanic culture through practice in the use of the basic language skills and acquisition of vocabulary.

*Prerequisite:* SPAN 201 or placement.

### **SPAN 202C Intermediate Conversation Supplement (1)**

Optional one-hour weekly sessions for intensive listening-speaking practice in Spanish utilizing vocabulary and grammatical structure presented in a corresponding basic course.

### **SPAN 250 Intensive Intermediate Spanish (6)**

Equivalent to SPAN 201–202. An intensive course that aims to develop a basic proficiency in Spanish and familiarity with Hispanic culture through practice in the use of the basic grammatical structures and acquisition of vocabulary stressing basic language skills.

*Prerequisite:* SPAN 102 or 150 with a grade of "C+" (2.5) or better, or placement via placement exam. Students are advised not to postpone completion of their language requirement until their senior year since this course might not be available to them.

*Note:* This course covers the material of SPAN 201–202 in one semester. Classes meet five times a week, for a total of six hours of instruction. Having completed SPAN 201 or 202, students may not take SPAN 250 for credit; conversely, students who complete SPAN 250 may not receive credit for SPAN 201 or 202.

### **SPAN 275 Spanish Skills Review (3)**

Fundamental review and focus on the listening, speaking, reading, and writing skills necessary to perform in upper level Spanish courses.

*Prerequisite:* SPAN 202 or placement (entering students with 5 years of school Spanish will be placed in SPAN 275).

### **SPAN 312 Spanish as a Heritage Language (3)**

This course addresses the specific needs of U.S. Hispanics who were raised with Spanish-language contact at home, but have no formal education in Spanish. Emphasis is on reading and writing standard Spanish, and dialectical variations found throughout the Spanish-speaking world, including the United States.

*Prerequisite:* Placement exam or strong spoken language background acquired at home, or permission of the instructor. SPAN 312 replaces SPAN 314 in the major and the minor.

### **SPAN 313 Spanish Composition (3)**

Intensive language practice. Emphasis on the development of writing skills focusing on comparison and contrast, expository writing and argumentation. Reading selections and class activities will focus on developing grammar, vocabulary and the use of idiomatic expressions.

*Prerequisite:* SPAN 275, or permission of the instructor.

### **SPAN 314 Spanish Conversation (3)**

Emphasis on the improvement of pronunciation and conversation skills, while developing vocabulary and reviewing grammar. Conversation topics will include a wide range of situations, themes and readings.

*Prerequisite:* SPAN 275, or permission of the instructor.

*Note:* This course is not open to students whose native language is Spanish.

### **SPAN 315 Special Assignment Abroad (3)**

An internship or other experiential learning project designed to enhance command of Spanish in a Spanish-speaking environment. Assignment to be undertaken and nature of its evaluation to be determined in consultation with the instructor or department chair.

*Prerequisite:* SPAN 313, 314 or 312 or 328, or 350 or permission of the instructor.

### **SPAN 316 Applied Spanish (3)**

A study of Spanish language as relevant to various career areas, such as Spanish for business, medical personnel or law enforcement. Course content will vary from semester to semester and will focus on only one area per semester.

*Prerequisite:* SPAN 313, 314 or 312 or 328, or 350 or permission of the instructor.

*Note:* SPAN 316 may be taken only once for credit in the Spanish minor or toward the total hour requirement for graduation.

### **SPAN 317 Introduction to Spanish for Business (3)**

A course to develop communicative skills for doing business in a Spanish-speaking environment. Focus is on practical applications of Spanish to business, including individual and group projects on simulated real-life situations; reading and translating authentic commercial documents; writing business correspondence; the use of e-mail and the Internet in business; and cross-cultural awareness of the Hispanic business world.

*Prerequisite:* SPAN 313 or 328 or 350, or permission of the instructor.

### **SPAN 318 Spanish for International Business (3)**

An introduction to the vocabulary, style, and conceptual framework for dealing with speakers of Spanish in international business. Topics include: organization of corporations in Latin America and Spain, corporate finance and the banking system, marketing, import/export firms, the role of government and the informal market in Spanish-speaking countries and cultural matters related to commerce in the Hispanic world.

*Prerequisites:* SPAN 313, 314 or 312 or 328 or 317 (SPAN 317 is required for the Spanish for Business Minor), or SPAN 350 or permission of the instructor.

### **SPAN 320 Introduction to Hispanic Literature (3)**

A preparatory course for students intending to pursue studies in Hispanic literature. Selected readings will provide the basis for stylistic and textual analysis and understanding of the structure of

literary works. The historical development of genres and the technical vocabulary necessary for critical analysis also will be included.

*Prerequisite:* SPAN 313, 314 or 312 or 328, or 350 or permission of the instructor.

*Note:* This course is a prerequisite for Spanish and Spanish-American 300- and 400-level literature courses.

### **SPAN 328 Spanish Language Study Abroad (3)**

Designed to develop spoken and written communication and facility in expressing ideas in Spanish while studying in a Spanish-speaking country.

*Prerequisite:* SPAN 275 or permission of the instructor.

*Note:* Local resources of the foreign country will be used. Students can take this course to satisfy the SPAN 314 requirement.

### **SPAN 333 Topics in Hispanic Cultures (3)**

Introduction to Hispanic world cultures through the study of the arts, geography, history, film, linguistics, literature, music, philosophy, politics, popular culture, religion, and/or society. Such topics will be approached through the critical analysis of primary sources including articles, artistic manifestations, essays, films, literary works, newspapers, and/or visual media. Course may be repeated for credit if topic is different.

*Prerequisites:* SPAN 313, 314 or 312 or 328 or 317 (SPAN 317 is required for the Business Language Minor in Spanish), or SPAN 350. Department chair permission required.

### **SPAN 344 Advanced Grammar and Lexicon (3)**

This course is designed to improve the understanding of grammatical concepts and the application of rules to prepare students for advanced-level sentence and discourse structures. It also addresses problematic lexical issues.

*Prerequisite:* SPAN 313, 314 or 312 or 328, or 350 or permission of the instructor.

### **SPAN 350 Intensive Conversation and Composition (6)**

Equivalent to SPAN 313–314. An intensive course that aims to develop functional fluency in written and spoken

Spanish by review of grammatical structures, discussion of selected readings, guided composition and a variety of topics designed for guided oral practice.

*Prerequisite:* SPAN 275 or permission of the instructor.

*Note:* This course covers the material of SPAN 313–314 in one semester. Classes meet five times a week, for a total of six hours of instruction. Having completed SPAN 313 or 314, students may not take SPAN 350 for credit; conversely, students who complete SPAN 350 may not receive credit for SPAN 313 or 314. This course is not open to students whose native language is Spanish.

### **SPAN 361 Survey of Spanish Literature I (3)**

Spanish literature studied from the origins of lyric and epic poetry through the Golden Age.

*Prerequisite:* SPAN 320 or permission of the instructor.

### **SPAN 362 Survey of Spanish Literature II (3)**

A continuation of SPAN 361, from the beginning of the Bourbon reign through contemporary movements.

*Prerequisite:* SPAN 320 or permission of the instructor.

### **SPAN 371 Survey of Spanish-American Literature I (3)**

A study of the literature of Spanish America from the pre-Columbian era to Modernism.

*Prerequisite:* SPAN 320 or permission of the instructor.

### **SPAN 372 Survey of Spanish-American Literature II (3)**

Spanish American literature from Modernism through contemporary movements.

*Prerequisite:* SPAN 320 or permission of the instructor.

### **SPAN 381 Introduction to Spanish Linguistics (3)**

An overview of the study of Spanish linguistics, designed to provide a framework for advanced language studies. Content areas include: language change and variation; the Spanish sound system; Spanish morphology, semantics and syntax; and applied Spanish linguistics.

*Prerequisite:* SPAN 313, 314 or 312 or 328, or 350 or permission of the instructor.

### **SPAN 382 Speaking Strategies (3)**

Intensive practice of spoken Spanish, with emphasis on the development of linguistic functions and discourse strategies consistent with Intermediate Mid or higher in the ACTFL Proficiency Guidelines. Practice with paired interactions, role-plays, discussions and debates.

*Prerequisite:* SPAN 313, 314 or 312 or 328, or 350 or permission of the instructor.

### **SPAN 390 Special Topics in Spanish (3)**

Intensive study of a particular subject or theme (Specific topics will be listed in the Schedule of Courses when offered; e.g., Studies in Spanish Film and Literature).

*Prerequisite:* See department for specific prerequisites.

### **SPAN 400 Service Learning (1-3)**

Learning through active service experiences in Spanish-speaking communities in the greater Charleston area, the United States, or abroad with academic analysis and reflection. It enhances what is taught by extending the learning beyond the classroom and linking the concrete to the abstract. It helps to further develop Spanish communicative competence through authentic communication and negotiation of meaning. Registration and approval of proposal must be done before conducting the service learning component.

*Prerequisites:* SPAN 313 and either SPAN 314, 312, or 328; at least two courses at the 300 or 400 level; interview with instructor.

### **SPAN 401 Internship (1-4)**

Practical applications for the integration of research and language skills in work or service areas related to Hispanic Studies, domestic or international. Students identify internship programs or sites; faculty supervisor identifies learning objectives. Course involves designated work at internship site, readings, discussions and a final project.

*Prerequisites:* Declared Spanish major or minor; SPAN 313 and either 314, 312 or

328; at least two additional courses at the 300- or 400- level; acceptance to an internship program or site; interview with and approval of the instructor.

### **SPAN 418 Advanced Spanish for Business Communication (3)**

This course prepares students for complex cross-cultural communication in the Hispanic business world, emphasizing real-life use of oral and written Spanish needed by future managers and leaders making informed decisions. Cultural awareness and business terminology will be further developed. Strategies for negotiating meaning, and responding to new information will be reinforced through challenging role-plays, news analysis and letter writing. Accurate understanding will be stressed with some practice with written and sight translations, and short consecutive interpreting.

*Prerequisites:* SPAN 317 and 318.

### **SPAN 443 Morphology and Syntax (3)**

This course is designed to provide a framework for advanced language studies. Traditional and generative grammar will be discussed and basic tools of analysis such as phrase-structure trees and explicit prose versions of rules for translating and making more precise descriptions of the Spanish grammar will be used.

*Prerequisite:* SPAN 381 or permission of the instructor.

### **SPAN 445 Spanish Phonetics and Phonology (3)**

An introduction to the sound system of Spanish and its varieties, designed to provide intensive practice in pronunciation.

*Prerequisite:* SPAN 381 or permission of the instructor.

### **SPAN 446 History of the Spanish Language (3)**

The history of the Spanish language from Latin to modern Spanish. Content will focus on the phonological, morphological and syntactic development of the language.

*Prerequisite:* SPAN 381 or permission of the instructor.

### **SPAN 447 Spanish Dialectology (3)**

Spanish dialectology is a study of the different regional and social dialects of the Hispanic world. Topics will focus on the linguistic influences and change in the Spanish of the Spanish-speaking world, including the United States. This course will address the phonological, morphological, syntactic and semantic variation in regional and social dialects with an historical introduction of the languages that affect the Spanish spoken today.

*Prerequisite:* SPAN 381 or permission of the instructor.

### **SPAN 448 Spanish Sociolinguistics (3)**

A study of the social issues related to the Spanish language. Topics will include language attitudes, speech patterns, discourse analysis, bilingualism, and language change in Spain, Latin America and the United States.

*Prerequisite:* SPAN 381 or permission of the instructor.

### **SPAN 451 18th- and 19th-Century Spanish Literature (3)**

Reading and discussion of selected works in one or more of the following genres: poetry, prose, and theatre. Writers such as Feijóo, Espronceda, El Duque de Rivas, Larra, Zorrilla, Galdós and Pardo Bazán may be included.

*Prerequisites:* SPAN 320 and an additional 300-level literature course; or permission of the instructor.

### **SPAN 452 20th-Century Spanish Literature (3)**

A study of the major works in the novel, poetry, and/or essay of the 20th century from the generation of 1898 to the most important contemporary writers, including authors such as Unamuno, Baroja, García Lorca, Machado, Matute, Goytisolo and Marsé.

*Prerequisites:* SPAN 320 and an additional 300- level Spanish literature course; or permission of the instructor.

### **SPAN 453 Don Quijote de la Mancha (3)**

A thematic and textual study of Cervantes' masterpiece. Romances of chivalry and epic or humorous poems that influenced Cervantes (such as Amadís, Orlando Furioso and El entremés de los romances) will be

examined. Selected traditional and modern critical approaches to this novel will be analyzed.

*Prerequisites:* SPAN 320 and an additional 300- level Spanish literature course; or permission of the instructor.

### **SPAN 454 Contemporary Spanish-American Poetry (3)**

Reading and critical analysis of selected Spanish- American poetry from Modernism to the contemporary period. Poets such as Darío, Mistral, Vallejo, Parra, Neruda and Octavio Paz will be studied.

*Prerequisites:* SPAN 320 and an additional 300-level literature course; or permission of the instructor.

### **SPAN 455 Contemporary Spanish-American Fiction (3)**

An intensive reading and critical analysis of the novels and short stories of the most important 20th-century Latin American writers. Consideration will be given to Borges, Cortázar, Rulfo, Fuentes and García Márquez, among others.

*Prerequisites:* SPAN 320 and an additional 300-level literature course; or permission of the instructor.

### **SPAN 456 Contemporary Spanish-American Theatre (3)**

Reading and discussion of selected works of Spanish-American playwrights of the 20th century. Consideration will be given to authors such as Florencio Sánchez, Virgilio Piñera, Xavier Villaurrutia, René Marqués, Egon Wolff, Griselda Gambaro, Emilio Carballido and Isadora Aguirre.

*Prerequisites:* SPAN 320 and an additional 300-level literature course; or permission of the instructor.

### **SPAN 457 Early Colonial Spanish-American Texts (3)**

A critical analysis of representative texts produced in the territory conquered by the Spaniards between 1492 and 1775. The diverse experiences, interests, and concerns of the various sectors of colonial society and the means chosen to express them will be examined and discussed.

*Prerequisites:* SPAN 320 and an additional 300- level Spanish literature course; or permission of the instructor.

**SPAN 458 Contemporary Hispanic-Caribbean Theater (3)**

This course will focus on readings and discussions of representative works from Cuba, the Dominican Republic, and Puerto Rico. It will be structured around topics such as: family, racial and social issues, as well as the portrayal of Afro-Caribbean religion, gender, and pop-cultural manifestations.

*Prerequisites:* SPAN 320 and an additional 300-level Spanish literature course; or permission of the instructor.

**SPAN 459 Chicano/a Literature (3)**

A study of the major literary works of Chicano/a authors beginning in the 1960s to the present. It is structured around topics such as: identity, race, social issues, culture, gender, and the Chicano/a experience. Consideration is given to Rivera, Cisneros, Valdez, and Burciaga, among others.

*Prerequisites:* SPAN 320 and an additional 300-level literature course; or permission of the instructor.

**SPAN 473 The Golden Age (3)**

A study of the theater, poetry, and novel of the age of Lope de Vega, Calderón de la Barca and Miguel de Cervantes. Content may include such masterworks as *La vida es sueño*, *El burlador de Sevilla*, and poetry of Garcilaso de la Vega, Fray Luis de León, Santa Teresa, Luis de Góngora and Francisco de Quevedo.

*Prerequisites:* SPAN 320 and an additional 300-level Spanish literature course; or permission of the instructor.

**SPAN 474 Contemporary Spanish Theater (3)**

A study of developments in Spanish theater in the 20th century focusing on a reading and critical analysis of selected works of major playwrights. Works of Benavente, Valle-Inclán, García Lorca, Buero Vallejo, Sastre, Olmo, Rodríguez Buded, Martín Recuerda, Ruibal and Rodríguez Mendez may be included.

*Prerequisites:* SPAN 320 and an additional 300-level Spanish literature course; or permission of the instructor.

**SPAN 475 Medieval Literature of the Iberian Peninsula (3)**

This course is a re-evaluation of the literature of the Iberian Middle Ages in

the light of a new interpretation of the "Renaissance," which includes a continuation of tendencies already present in medieval European literature.

*Prerequisites:* SPAN 320 and an additional 300-level Spanish literature course; or permission of the instructor.

**SPAN 490 Seminar: Special Topics in Hispanic Literature (3)**

Intensive studies focused on a particular writer, generation of writers or on literary themes. Designed to broaden the offerings in literature courses.

*Prerequisites:* SPAN 320 and an additional 300-level literature course; or permission of the instructor.

**SPAN 491 Special Topics in Language Studies (3)**

Intensive studies designed to investigate more fully linguistic topics or other subjects related to the study of the Spanish language.

*Prerequisite:* SPAN 381; or permission of the instructor.

**SPAN 496 Directed Reading (1-3)**

Individually supervised readings in Spanish, agreed upon in consultation with the instructor. Credit hours assigned will be determined by nature and extent of the reading.

*Prerequisites:* One 300-level Spanish class in the field of study and permission of the instructor.

**SPAN 498 Independent Study (1-3)**

Research on a problem – topic to be defined by the individual student in consultation with the instructor in the department, who will guide the work and determine the credit hours to be assigned.

*Prerequisites:* One 300-level Spanish class in the field of study and permission of the instructor.

**SPAN 499 Bachelor's Essay (6)**

A year-long research and writing project done during the senior year under close supervision of a tutor from the department. The student must take the initiative in seeking a tutor to help in both the design and supervision of the project. A project proposal must be submitted in writing and approved by the department prior to registration for the course.

*Prerequisites:* one 400-level Spanish class in the field of study and permission of the instructor.

**LTSP 150 Literature in (English) Translation: Gallery World Literatures (3)**

Study of selected works from a number of literatures that offer different perspectives on the world and humankind.

**LTSP 250 Literature in (English) Translation: A Foreign Literature (3)**

Study of selected works, representing major literary periods and genres that illuminate another language and culture or era of a shared human condition.

**LTSP 252 Contemporary Latin American Literature in Translation (3)**

An introductory literature in translation course on major 20th-century Latin American writers. The course will include readings from major writers in several genre and will include Nobel laureates such as Pablo Neruda, Miguel Angel Asturias, Gabriela Mistral, Gabriel García Márquez, and Octavio Paz. The course will also explore the writings of Alejo Carpentier, Jorge Luis Borges, Alfonsina Storni and Julio Cortázar.

**LTSP 254 Society, History, and Culture in Spanish-American Literature (3)**

Study of 20th-century Spanish-American literature and social orientation. The works selected as representative thematic orientation will be examined as aesthetic categories revealing important aspects of periods of social, historical, and cultural process of the Spanish-American world. Students will have the opportunity to read in English-translated works of such great authors as Gabriel García Márquez, Pablo Neruda, Carlos Fuentes, Rene Marqués, Miguel Angel Asturias, José María Arguedas, Ernesto Cardenal, Nicolás Guillén and others.

**LTSP 256 The Magic and the Real: Latin American Literature and Film (3)**

An exploration of the literary movement known as Magic Realism. The study of both literary works and feature films will allow the student to explore the common elements between cinematography and literature and the mechanism by which the literary work is adapted by filmmakers. The analysis of novels and short stories, as well as films, will focus



on their aesthetic value as well as historical, political, and social issues, including the role of women as seen in these works.

**LTSP 350 Literature in (English) Translation: A Foreign Author (3)**

Study of selected works by an author whose influence is felt in the world at large.

**LTSP 450 Spanish Literature in (English) Translation: Comparative Literature (3)**

A study of selected works by major authors representing different cultures with emphasis on common themes as viewed from the perspectives of these writers.

## Spoletto Courses

**SPOL 150 Music and the Arts in the Spoleto Festival USA (3)**

An interdisciplinary survey of the performing and visual arts at the Spoleto Festival USA. Guest lectures and demonstrations by Spoleto and Piccolo Spoleto participants. Coursework includes attendance at events and written reviews. This course will be team taught by faculty from the School of the Arts. (*Maymester only.*)

## Studio Art Courses

**ARTS 119 Drawing I (3)**

Through the development of visual perception, students will explore a variety of objects and environments, using the fundamental elements of drawing – line, shape, form, value, texture, space, and composition – to create images and express individual ideas with a variety of graphic media and approaches.

**ARTS 215 Photography I (3)**

This course will cover the basic technical and creative problems in black-and-white photography. By using a variety of photographic techniques, the intricacies of camera operation, basic composition, and developing and printing are introduced. At the same time, emphasis will be laid on the development of both a

personal imagery and a sound technical grasp of the medium. A 35mm film camera with manual exposure settings is required for this class.

*Prerequisite:* ARTS 119.

*NOTE: Some sections may be restricted to Studio Art majors only.*

**ARTS 216 Painting I (3)**

Further study of drawing and painting techniques, with special emphasis on color and composition.

*Prerequisite:* ARTS 119.

**ARTS 218 Printmaking I (3)**

Introduction to fundamental techniques of graphic art processes, including monotype, basic relief and intaglio printing techniques. Emphasis will be on the development of a personal imagery, as well as technical understanding of process.

*Prerequisite:* ARTS 119 or permission of the instructor.

**ARTS 220 Sculpture I (3)**

Introduction to fundamental processes and materials of sculpture, including wood, metal, and plaster. Emphasis placed on exploration of materials as potentially expressive of ideas in three-dimensional form.

**ARTS 315 Photography II (3)**

This course extends and elaborates the groundwork covered in ARTS 215. Through a series of individual projects of increasing complexity, the student will be introduced to alternative and experimental techniques in black-and-white photography. Emphasis on the photographic process as a creative medium will be stressed throughout the course as students are encouraged to develop a personal imagery.

*Prerequisite:* ARTS 215.

**ARTS 319 Drawing II (3)**

Continuation of ARTS 119 with emphasis on the use of the human figure in space as a compositional element.

*Prerequisite:* ARTS 119.

**ARTS 322 Painting II (3)**

Continuation of ARTS 216, with greater emphasis on the expression and technique of the individual student.

Large-scale paintings, additional study in the use of various painting media.

*Prerequisite:* ARTS 216.

**ARTS 323 Printmaking II (3)**

Exploration of the etching process through the use of drypoint, hard and soft ground and aquatint techniques; emphasis placed on development of personal imagery and aesthetic goals.

*Prerequisite:* ARTS 218 or permission of the instructor.

**ARTS 324 Sculpture II (3)**

A further opportunity to increase abilities in the creative processes of sculpture. A wider range of choices will be left to the individual within a still-structured environment of criticism and instruction.

*Prerequisites:* ARTS 119 and 220 or permission of the instructor.

**ARTS 325 Foundry (3)**

Further exploration in sculpture with a focus on patternmaking, mold making and casting using a variety of materials.

*Prerequisite:* ARTS 324 or permission of the instructor.

**ARTS 326 Drawing III (3)**

Continuation of ARTS 319.

*Prerequisite:* ARTS 319 or permission of the instructor.

**ARTS 327 Advanced Photographic Techniques (3)**

This hands-on course will enable students to transform their photographic images with advanced alternative techniques. This course is a direct continuation and elaboration of ARTS 315 with an emphasis on creating a concentrated series of photographs.

*Prerequisites:* ARTS 215 and ARTS 315 or permission of the instructor.

**ARTS 328 Painting III (3)**

Further development of the language skills needed to express clear visual thought. Emphasis on color and drawing and on overall composition in relation to the painter's intention and achievement.

*Prerequisite:* ARTS 322.

**ARTS 329 Lithography (3)**

Further development of ideas into visual statements using the medium of lithography.

*Prerequisite:* ARTS 218 or permission of the instructor.

**ARTS 330 Sculpture III (3)**

Intermediate study of sculpture, investigating issues of material, process, and content.

*Prerequisite:* ARTS 324 or permission of the instructor.

**ARTS 331 Painting IV (3)**

Continuation of ARTS 328.

*Prerequisite:* ARTS 328.

**ARTS 332 Advanced Printmaking (3)**

An advanced course designed for students who have had previous technical experience with the various printmaking media. The goal of this course is to enable students to investigate personal concerns and objectives through an ambitious and concentrated body of work.

*Prerequisites:* ARTS 323 or ARTS 329 or permission of the instructor.

**ARTS 333 Sculpture IV (3)**

Advanced studies in sculptural issues, materials, and processes.

*Prerequisite:* ARTS 330 or permission of the instructor.

**ARTS 334 Advanced Photography (3)**

In this course the student will work towards producing an ambitious and concentrated body of work while simultaneously refining their technical skills in photography.

*Prerequisites:* ARTS 215 and ARTS 315 or permission of the instructor.

**ARTS 335 Selected Topics in Advanced Studio Practice (3)**

Intensive studies in specialized aspects of studio practice. Topics will vary according to faculty and student interests. Topics to be offered may include: advanced color theory; the extension and application of drawing; jumbo prints; advanced figure studies in drawing and painting.

*Prerequisite:* Will vary according to topic.

**ARTS 339 Drawing IV (3)**

This course in advanced drawing will focus on the narrative or thematic possibilities of drawing. Style, subject, materials, and techniques will be decided upon by the student. Live models will also be used.

*Prerequisite:* ARTS 326 or permission of the instructor.

**ARTS 410 Internship in Studio Art (3)**

Provides students with an experiential learning and research opportunity with a sponsoring Studio Art oriented organization.

*Prerequisite:* Junior standing and above with permission of the faculty of the Studio Art Program.

**ARTS 418 Senior Thesis Exhibition (3)**

Studio Art majors will present an exhibition of their artwork that brings together the knowledge and skills developed during the pursuit of a BA in studio art. Students will learn to prepare, present, and publicize a quality exhibition of their work. Successful completion is a requirement for the major in studio art. This course should be taken during the student's final semester.

*Prerequisites:* Senior standing, declared studio art major.

**ARTS 430 Independent Study in Studio Art (3, Repeatable)**

Students who have taken an appropriate sequence of preparatory courses in studio art determine a project in consultation with a department member qualified to guide and judge the work.

*Prerequisite:* Students must be juniors or seniors and show demonstrated ability to carry out proposed project. An application for independent study must be submitted to the project advisor prior to the beginning of the term and must be approved by the department chair.

## Teacher Education Courses

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**TEDU 205 Exploring Leadership: Building Peer Facilitation Skills (2)**

The purpose of this course is to enroll a group of faculty nominated students who will facilitate student experiences. Students will develop peer facilitation skills through reading, discussing, and collaborative learning about leadership, facilitation, and the historical background. Additionally, the students will learn about the factors that influence student development, such as personal values, gender, and culture.

*Prerequisite:* Students must be nominated to serve as a Peer Facilitator in order to enroll in this course. Enrollment in this course requires faculty nomination.

## Theatre Courses

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**THTR 135 Elementary Jazz Dance for Non-Majors (2)**

An introduction to the linear, percussive style of jazz dance, the uniquely American combination of multi-cultural dance styles to the world of dance. An activity course in which the basics of jazz dance will be learned.

**THTR 137 Elementary Modern Dance for Non-Majors (2)**

Introduction to the technique of modern dance. Emphasis on basic movement forms of modern dance and elementary improvisational techniques.

**THTR 138 Intermediate Modern Dance for Non-Majors(2)**

Instruction at the intermediate level in the technique of modern dance. Emphasis upon building the basic movement forms as taught in Elementary Modern Dance into patterns, repetitions, and variations used in the structuring of dance pieces. Review of the choreography work of the founders of modern dance.

*Prerequisite:* THTR 137

**THTR 145 Elementary Tap (2)**

This course is an introduction to the basic technique, rhythms, and styles of tap dance. Emphasis on practical application, including terminology, center and across the floor work.

**THTR 146 Intermediate Tap (2)**

This course builds on the basic technique learned in beginner tap. Students will explore different styles more thoroughly and work on choreography as well as the incorporation of the development of improvisational tap work.

*Prerequisite:* THTR 145.

**THTR 176 Introduction to Theatre (3)**

Introduction to the history, literature, principles and techniques of the theatre. This course requires attendance at events and written critical responses. Course for non-majors.

**THTR 185 Beginning Ballet for Non-Majors (2)**

Introduction to technique and terminology of classical ballet. Emphasis on practical application, including barre and center floor work.

**THTR 186 Intermediate Ballet for Non-Majors (2)**

Instruction at the intermediate level in the technique of classical ballet, intermediate barre, center floor work and combinations.

*Prerequisite:* THTR 185

**THTR 200 General Practicum (1)**

Supervised participation in theatre/dance production in the areas of publicity/promotion, box office, student teaching, and in connection with theatre production outside of mainstage season. Occasional group meetings scheduled. Combined with THTR 201 and THTR 202, may be repeated up to six credits, but no more than three credits may be applied to graduation.

*Prerequisite:* Permission of the instructor.

**THTR 201 Production Practicum (1)**

Supervised participation in theatre/dance production in the technical areas, such as costume and set construction, lighting, and sound. Occasional group meetings scheduled. Combined with THTR 200 and THTR 202, may be repeated up to

six credits, but no more than three credits may be applied to graduation.

*Prerequisite:* Permission of the instructor.

**THTR 202 Theatre Performance Practicum (1)**

Supervised participation in theatre/dance production in the area of performance or stage management. Combined with THTR 200 and THTR 201, may be repeated up to six credits, but no more than three credits may be applied to graduation.

*Prerequisite:* Permission of the instructor.

**THTR 207 Rendering for Theatre (3)**

A studio course in drawing and painting techniques used by the theatrical designer. Students are exposed to a variety of media and rendering styles used to communicate visual ideas during the design process.

*Prerequisite:* THTR 209 or THTR 240.

**THTR 209 Stagecraft I (3)**

Introduction to theatrical production including the basic tenets of scenic construction, lighting, sound and stage management. Sessions will be held on emerging technologies such as video production and special effects. Students will have hands-on opportunities to experience theatre technology. A lab in the technical areas of theatrical production is required.

**THTR 212 History of American Theatre (3)**

The American theatre from the colonial period to the present. The course will survey those theatrical elements that are uniquely American and will include a discussion of the historical and intellectual context of the theatre experience in the United States.

**THTR 214 Modern American and European Drama (3)**

Plays will be studied with an emphasis on the production requirements of the texts. The plays will be read in the context of the original production as well as significant revival stagings of them. There will be an introduction to the primary study of post-1880 drama and theatrical performance.

**THTR 221 Creative Drama I (3)**

An introduction to the educational philosophy and basic techniques of creative drama and its applications for theatre rehearsal and production, as well as actor training. Emphasis upon creative drama as a tool for instruction of groups of all ages in theatre, recreational, and classroom situations.

**THTR 230 Fundamentals of Theatrical Design (3)**

Introduction to theatrical design including topics of design process, tools of communication, history of design and careers in theatrical production. Lectures and work will emphasize research, conceptual thinking, and the spirit of collaboration.

*Prerequisites:* Theatre major or Dance major or permission of instructor

**THTR 240 Costume I: Introductory Studies (3)**

A studio class introducing technical skills in constructing costumes, basic makeup application and wardrobe duties for theatre. Through Lecture and Lab students will also examine the collaborative relationship between technicians and designers. Students will gain practical experience in additional Lab Hours working on costume construction for current productions or serving as wardrobe crew for performances.

**THTR 270 Stage Management (3)**

An introduction to the basic practice of stage management. The course will emphasize organizational and supervisory skills needed in the production of a play. Course requirements will include work on a prompt script as well as other practical projects.

*Prerequisite:* THTR 209,

*Pre or Co-Requisite:* THTR 276

**THTR 276 Script Analysis (3)**

A study of the standard systems of classification used to examine the text of a play. Emphasis on script analysis from the perspective of a theatre practitioner.

**THTR 277 Acting I: Basic Approach (3)**

An introduction to the art and craft of acting. The course encourages self-exploration of the voice, body, and imagination to develop expressiveness

and the ability to play simple performance actions.

### **THTR 280 Scene Painting (3)**

A studio class in painting techniques for theatre. The student will investigate the techniques and methods the scenic artist uses in creating the illusions of traditional scenography.

*Prerequisite:* THTR 209.

### **THTR 289 Special Topics (1-3)**

Basic investigation of specific problems or topics in theatre, as announced when offered. May be repeated for credit with different course topics.

### **THTR 310 Theatre History & Literature to 1750 (3)**

A study of the development of the theatre and its literature from the Greeks to 1750, including a survey of plays, actors, theatre architecture and production arrangements. Emphasis will be on the role that theatre and theatrical texts played within the society of their creation.

*Prerequisite:* Junior or senior standing.

### **THTR 311 Theatre History and Literature after 1750 (3)**

A study of the development of the theatre and its literature after 1750, including a survey of plays, actors, theatre architecture and production arrangements. Emphasis will be on the role that theatre and theatrical texts played within the society of their creation.

*Prerequisite:* Junior or senior standing.

### **THTR 315 Feminist Theatre (3)**

This course will read, view and discuss Feminist Theatre as an agent for social and theatrical change. Differing interpretations of the genre and examples from throughout history will be examined, with an emphasis on artists of the last 30 years. Course readings will include theory, criticism, theatrical texts and interviews.

### **THTR 316 African American Theatre (3)**

The study of the role, scope, and significance of African American theatre in modern society through the reading of representative plays and examination of individuals and organizations that have

fostered the development and growth in the field.

*Prerequisite:* Junior or senior standing.

### **THTR 318 History of Fashion and Manners (3)**

This course will allow the student to develop an overview and recognition of Western costume and fashion from pre-history to the present. Through lecture, discussion and research, the course will examine the social, political and practical influences upon dress and mannerism.

### **THTR 321 Children's Theatre (3)**

This course has two primary components. The first is a survey of children's theatre, including its history and philosophy as well as the literature of the genre. The second is a practical study of how the younger audience affects the production aspects of playwriting, acting, directing and design of the children's play.

### **THTR 322 Children's Theatre Repertory (3)**

This course gives the student practical experience in all aspects of producing classic and new productions for youth and with youth. The class format will include research, writing, scene work, design presentations, rehearsals, performing, and administrative production. Students will gain skills and experiences that can be applied to a career in Professional Theatre for Youth, Recreation and Community Theatre.

*Prerequisite:* THTR 277.

### **THTR 323 Creating Scene and Song (3)**

This course provides students with practical experience in creating and performing original musical theatre material. Students will study representative productions to gain a theoretical understanding of the creation and collaboration process. Then, as a class, they will create and perform their own original show for the college community and/or area schools.

*Prerequisite:* THTR 277

### **THTR 340 Costuming II: Pattern Drafting and Advanced Sewing Techniques (3)**

An advanced course that explores concepts in pattern drafting and draping techniques. Included will be a survey of a history of period costumes.

*Prerequisite:* THTR 240.

### **THTR 345 Advanced Makeup and Hair Design**

A studio course for designers and actors in stage makeup and hair design with emphasis on specific character analysis, development, research, and execution for theatrical productions.

*Prerequisites:* THTR 240 and THTR 230 or THTR 277

### **THTR 350 Selected Topics in Communication Production (3)**

Special studies in film, radio, and television production with topics to be announced when offered. May be repeated for credit with different topics.

### **THTR 355 Playwriting I (3)**

A study of playwriting, including analysis and critique of scripts. Each student will complete a series of exercises and write a one-act play.

*Pre or Co-requisite:* THTR 276

### **THTR 360 Voice for the Theatre (3)**

A study and practice of vocal techniques to develop alignment, breathing, resonance and articulation appropriate to stage performance.

*Prerequisite:* THTR 376.

### **THTR 365 Musical Theatre Perform Workshop (3)**

This course explores the unique acting challenges incumbent to and required of the musical theatre performer. As such, the course is a study and practice of some of the basic characterization and vocalization techniques necessary for an effective and affective performance.

*Prerequisites:* THTR 276 and 277.

### **THTR 375 Movement for Actor (3)**

A study of movement techniques focusing on physical exercises that explore basic concepts of space, time, energy and characterization. Actors will develop a personal awareness via centered and off-centered explorations of body commitment to physical action.

*Prerequisite:* THTR 376.

### **THTR 376 Acting II: Characterization (3)**

An intermediate course in the study of acting with particular emphasis on approaches to characterization. Work will

include vocal and physical exercises, improvisations and scene study presentations.

*Prerequisites:* THTR 276 and 277.

### **THTR 377 Acting III: Style (3)**

Research and performance of scenes from period plays, using skills developed in the preceding courses. The work will draw from a wide variety of period plays in order to develop an understanding and awareness of acting in different theatrical styles.

*Prerequisites:* THTR 360, 375, and 376.

### **THTR 378 Principles of Directing for Theatre (3)**

Basic concepts of the directing process, including script analysis, staging practices, director/designer communications and rehearsal techniques. The semester will culminate in a program of student directed scenes.

*Prerequisites:* THTR 209, 230, 276, and 277.

### **THTR 380 Sound Design and Production for the Stage (3)**

An examination of both aesthetic and technical elements of sound design as part of the production of plays. Topics will include research, articulation of concepts and design preparation – as well as processes of manipulation of recorded sound and editing for performance.

*Prerequisites:* THTR 209 or 230; THTR 276; THTR 201 or 202

### **THTR 381 Theatre Graphics and Computer Aided Drafting (3)**

A studio course covering technical communication and craft tools for theater designers and technicians. Traditional hand-drafting will be introduced, but the bulk of the course will focus on the use of technology tools available including Computer Aided Drafting and 3D visualization software.

*Prerequisites:* THTR 209 or permission of instructor

### **THTR 382 Stage Lighting (3)**

An intensive study of the technical and design elements of stage lighting. The class surveys equipment and techniques with practical exercises oriented around the theatrical productions scheduled that semester.

*Prerequisite:* THTR 209.

### **THTR 383 Scenic Design (3)**

An exploration of the principles of scenic design with emphasis given to drawing, painting, drafting and model making. Lecture and laboratory.

*Prerequisites:* THTR 209 and 276.

### **THTR 387 Contemporary Theatre (3)**

An in-depth study of the eclectic, experimental, and hybrid nature of the theatre of the 21st century, with special emphasis on the surreal, the non-narrative as well as new approaches to dramatic naturalism.

### **THTR 388 Dramatic Theory & Criticism (3)**

A study of theories of drama ranging from classical Greece to the modern theatre. Topics will include censorship, audience reception, views on the purpose and ideal structure of theatre, production methodologies and dramaturgical writing and criticism.

### **THTR 391 Stage Combat (3)**

A course in the technical and theoretical fundamentals of stage combat. Students will develop the physical skills necessary for being an expressive and safe performer of stage fights and learn the foundations of exciting fight choreography. Classes will be physical and theoretical in nature exploring effective combat choreography and practice.

*Prerequisite:* THTR 375

### **THTR 399 Tutorial (1-3, Repeatable up to 12)**

Individual instruction given by a tutor in regularly scheduled meetings (usually once a week).

*Prerequisite:* Junior standing.

### **THTR 421 Creative Drama II (3)**

This course will build upon foundational knowledge gained from the prerequisite courses of Creative Drama I. It will introduce the student to advance theories, practice, and styles of Creative Drama through readings, discussion, teaching labs, rehearsal and performance projects working with area students in school and after-school programs.

*Prerequisites:* THTR 221

*Pre or Co-requisite:* THTR 321

### **THTR 440 Costume Design (3)**

An examination of costume design with an emphasis on research, design preparation, articulation of concept, scenographic analysis and advanced rendering techniques.

*Prerequisites:* THTR 207, 240 and 276.

### **THTR 450 Internship in Theatre (3)**

Designed to provide the advanced student with the opportunity to pursue a research topic in the context of an experiential learning situation. Open to junior and senior theatre majors only.

*Prerequisite:* Junior or senior declared theatre major

### **THTR 455 Playwriting II (3)**

Advanced study of the process of writing the one-act play. Emphasis on concept, first draft and revision.

*Prerequisite:* THTR 355.

### **THTR 489 Seminar: Selected Topics in Theatre II (1-3)**

Concentrated investigation of specific problems in theatre, as announced when offered. May be repeated for credit with different research topics.

*Prerequisite:* Permission of the instructor.

### **THTR 490 Independent Study: Theatre (1-3)**

The student who has taken an appropriate sequence of preparatory courses in one area or problem of theatre determines a project in consultation with a department member qualified to guide and judge the work.

*Prerequisite:* Open to junior and senior Theatre majors with overall GPAs of at least 2.75 and theatre GPAs of at least 3.3 with permission of the department.

### **THTR 499 Bachelor's Essay (6)**

A year-long research and writing project done during the senior year under the close supervision of a tutor from the department. The student must take the initiative in seeking a tutor to help in both the design and the supervision of the project. A project proposal must be submitted in writing and approved by the department prior to registration for the course.

*Prerequisites:* Declared theatre major and department permission

## Transportation Courses

### TRAN 260 Special Topics in Transportation (3)

An in-depth treatment of a current area of special concern within the field of transportation.

### TRAN 311 Intermodal Transportation (3)

This is an in-depth treatment of trends and contemporary management problems peculiar to transportation modes including rail, highway, air, water and pipeline. The course will also examine comparative evaluations of cost behavior and pricing among different transportation modes.

*Prerequisites:* ECON 200, 201, junior standing.

### TRAN 312 Global Logistics (3)

An introduction to logistics management that is concerned with the coordination of physical flow through the firm from raw materials to the delivery of finished goods to the user or consumer. Special emphasis will be placed on the impact of intermodal transportation on logistics systems.

*Prerequisites:* ECON 200, 201, junior standing.

### TRAN 360 Special Topics in Intermodal Transportation (1-3)

In-depth treatment of current areas of special concern within the field of intermodal transportation. A maximum of six hours of special topics courses may be applied toward the business major elective requirement.

*Prerequisite:* Junior standing; other prerequisites depending on topic.

### TRAN 399 TUTORIAL (3, Repeatable up to 12)

Individual instruction given by a tutor in regularly scheduled meetings (usually once a week). The student must take the initiative in seeking a tutor to help in the design and supervision of the project. A maximum of six hours of tutorial courses

may be applied toward the business major elective requirement.

*Prerequisites:* Junior standing; permission of the tutor and the chair.

### TRAN 420 Independent Study (1-3)

The student will select a reading or research project in consultation with a faculty member, who will guide the work and determine the hours of credit to be allowed. A maximum of six hours of independent study courses may be applied toward the business major elective requirement.

*Prerequisites:* Junior standing; written agreement with the instructor and chair.

### TRAN 431 Issues in Global Logistics (3)

A senior seminar providing depth and breadth of understanding in intermodal logistics through extensive review of current literature with special attention to intermodal information systems. Limited to Global Logistics and Transportation Program seniors.

*Prerequisites:* TRAN 311, 312, MGMT 322; ECON 200, 201, 303; senior standing.

### TRAN 432 Global Logistics Systems Management (3)

An in-depth analysis of intermodalism with a focus on the port as a linking point for domestic and international air, maritime, rail and truck transportation. Limited to Global Logistics and Transportation Program seniors.

*Prerequisite:* TRAN 311, 312, INTB 322; ECON 200, 201, senior standing.

### TRAN 444 Transportation Internship (3)

A supplemental source of learning and enhancement to the student's academic program and career objectives through experiential education engaging the student in a unique three-way partnership between an approved agency and the school. The learning experience will be guided by a learning contract outlining specific work and academic components. A maximum of three (3) hours of internship credit will be awarded.

*Prerequisites:* Senior standing and declared major in the School of Business.

### TRAN 499 Bachelor's Essay (6)

A year-long research and writing project completed during the senior year under the close supervision of a tutor from the school. The student must take the initiative in seeking a tutor to help in both the design and the supervision of the project. A project proposal must be submitted in writing and approved by the school prior to registration for the course.

*Prerequisite:* Senior standing.

## Urban Studies Courses

### URST 201 Introduction to Urban Studies (3)

This course provides an introductory overview of the interdisciplinary field of urban studies. Various aspects of urban life will be explored, utilizing the insights derived from disciplines such as history, sociology, political science, economics and architecture. The focus will be the multi-faceted city and the continual interaction between its components, especially the efforts of human beings to shape the city while also being shaped by it.

*Note:* This should be one of the first courses taken.

### URST 310 Urban Planning (3)

Topics will include the history of planning, macro theories of planning, goal setting and implementation within contemporary political settings. Primary emphasis will be placed upon the application of planning techniques within agencies and within urban communities; appropriate case studies will be used.

### URST 320 Town and Country Planning (3)

To survey the field of planning in less populated areas, including towns and rural areas; as well as study cultural and landscapes, economic development, preservation, the history of mechanisms of planning, special/current topics in planning, small town design, and planning theory. Some comparisons will be made to planning in cities and suburbia.

**URST 398 Special Topics in Humanities (3)**

This course is designed for the study of specialized topics in urban society. Topics, which change each semester, have included Charleston architecture, architecture and historic preservation in Britain and society and culture of early Charleston.

**URST 399 Special Topics in Social Science (3)**

This course is designed to study the development and process of policy making in a specialized field in urban society. Topics, which change each semester, have included sustainable development and geographic information systems.

**URST 400 Practicum (2)**

This is a supervised field-learning experience in an urban setting. The student observes and becomes involved in the functions and operations of a private sector, governmental or community agency. The weekly seminar provides a forum in which the student, in concert with the faculty coordinator, can integrate knowledge gained in the classroom with that acquired during the field experience.

Note: Students must obtain instructor's permission the term before enrolling in this course.

**URST 401 Independent Study (3)**

A study directed by a faculty member on various subjects.

*Note: Permission of both the instructor and the advisor is required before registration. A student may take no more than six hours of independent study.*

**URST 499 Bachelor's Essay (6)**

Independent research for the student who is a candidate for honors in the major. The student must take the initiative in seeking faculty help in both the design and the supervision of the project. A project proposal must be submitted in writing and approved by the faculty prior to registration for the course.

## Women's and Gender Studies Courses

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**WGST 120 Studies in Women's and Gender Studies (3)**

A topical introduction to an area in women's and gender studies. This course may be repeated for credit if the content is different. The specific content will be listed when the course is offered.

**WGST 200 Introduction to Women's and Gender Studies (3)**

This is an interdisciplinary course designed to explore the rich body of knowledge developed by and about women and gender. We study gendered structures and their consequences in contemporary cultures and societies. In addition, we examine feminist theories and relevant social movements. This course can satisfy the College's general education humanities requirement.

**WGST 320 Special Topics in Women's and Gender Studies (3)**

An examination of an area in women's and gender studies for which no regular course is offered. This course may be repeated for credit if the content is different. The specific content will be listed when the course is offered.

**WGST 350 Gender and Violence (3)**

In-depth study of violence against women, with a service-learning component in a community settings. Topics include domestic abuse, rape, sexual harassment, and global violence. Focus on problems and potential solutions, examining violence on an institutional, symbolic, and individual level, interrogating the "personal as political," and exposing underlying power structures.

**WGST 356 Conservative Voices in Women's and Gender Studies (3)**

This course considers traditionalist and conservative perspectives in women's and gender studies. Topics include marriage, family life, human sexuality, work, and politics.

*Prerequisite:* WGST 200 or consent of instructor.

**WGST 381 Women's and Gender Studies Internship (1-4)**

An opportunity for students to integrate research with social activism through supervised field placement in areas related to the study of women and gender. Students will produce specific assignments that reflect agreed upon learning goals under the direction of the director of women's and gender studies or a program faculty member.

*NOTE: A maximum of 6 credit hours may be applied to the WGST major or minor.*

**WGST 400 Independent Study (3)**

Individually supervised readings and study of some work, problem, or topic in women's and gender studies of the student's interest. A project proposal must be submitted in writing and approved by the director prior to registration for the course.

*NOTE: A maximum of 6 credit hours may be applied to the WGST major or minor.*

**WGST 401 Capstone in Women's and Gender Studies (3)**

An intensive reading and writing seminar open to seniors pursuing a major or minor in Women's and Gender Studies. This course will create a synthesis of their studies in the field and deepen their skills in WGST research. Interdisciplinary topics will vary, but the curriculum will emphasize current research.

*Prerequisite:* Only open to senior students with a declared major or minor in Women's and Gender Studies.

**WGST 420 Seminar in Women's and Gender Studies (3-4)**

Advanced seminar devoted to an area in women's and gender studies. This course may be repeated for credit if the content is different. The specific content will be listed when the course is offered.

*Prerequisites:* WGST 200; junior or senior standing

**WGST 499 Bachelor's Essay (3)**

A year-long research and writing project completed during the senior year under close supervision with faculty. The student must have an overall GPA of 3.25 to qualify and must take the initiative in seeking faculty help in both the design and supervision of the project. A project proposal must be submitted in writing

and approved by the program director prior to registration for the course.

*Prerequisites:* WGST 200; senior standing; 3.25 minimum overall GPA



# Appendix

## The Graduate School of the College of Charleston

843-953-5614

[gradschool.cofc.edu](http://gradschool.cofc.edu)

[gradstud@cofc.edu](mailto:gradstud@cofc.edu)

**Amy Thompson McCandless, Dean**

**David Owens, Associate Dean**

### Graduate Degree Programs

#### Accountancy

<http://sb.cofc.edu/graduate/accountancy>

Dr. Daniels, 843.953.8041

#### Business Administration

<http://mba.cofc.edu>

Dr. Kindley, 843.953.6565

#### Communication

<http://communication.cofc.edu/graduate-programs/index.php>

Dr. Benigni, 843.953.7019

#### Computer & Information Sciences

<http://www.cs.cofc.edu/gradPrograms.php>

Dr. McCauley, 843.953.3187

#### Early Childhood Education

<http://teachered.cofc.edu/graduate-progs/edec.php>

Dr. Cozart, 843.953.6353

#### Elementary Education

<http://teachered.cofc.edu/graduate-progs/edel.php>

Dr. Cozart, 843.953.6353

#### English

<http://english.cofc.edu/>

Dr. Carens, 843.953.5658

#### Environmental Studies

<http://mes.cofc.edu>

Dr. Callahan, 843.953.2002

#### Historic Preservation

<http://www.grad.clemson.edu/programs/Historic-Preservation/>

Dr. Hudgins, 843.937.9567

#### History

<http://history.cofc.edu/graduate-program/index.php>

Dr. Coy, 843.953.8273

#### Languages

<http://lcwa.cofc.edu/graduate-progs/index.php>

Dr. Holman, 843.953.5459

#### Marine Biology

<http://www.cofc.edu/~marine/>

Dr. Plante, 843.953.5459

#### Mathematics

<http://math.cofc.edu/graduate-progs/>

Dr. Cox, 843.953.5715

#### Middle Grades

<http://teachered.cofc.edu/graduate-progs/edmg.php>

Dr. Cozart, 843.953.6353

#### Performing Arts

<http://teachered.cofc.edu/graduate-progs/edpa.php>

Dr. Springer, 843.953.8048

Dr. Taylor, 843.953.8231

#### Public Administration

<http://puba.cofc.edu/>

Dr. Ewalt, 843.953.6690

#### Science & Mathematics for Teachers

<http://www.cofc.edu/~medsm/>

Dr. Veal, 843.953.5734

#### Special Education

<http://teachered.cofc.edu/graduate-progs/edsp.php>

Dr. Cozart, 843.953.6353

#### Teaching, Learning and Advocacy

<http://teachered.cofc.edu/graduate-progs/mtla.php>

Dr. Finnan, 843.953.4826

## Graduate Certificate Programs

#### Arts Management

<http://artsmgmt.cofc.edu/graduate-programs/index.php>

Ms. Shanklin-Peterson, 843.953.8241

#### English to Speakers of Other Languages

<http://teachered.cofc.edu/graduate-progs/esol-cert.php>

Dr. Cozart, 843.953.6353

#### Gifted and Talented

<http://teachered.cofc.edu/graduate-progs/edgt-cert.php>

Dr. Swanson, 843.953.5106

#### Operations Research

<http://math.cofc.edu/graduate-progs/>

Dr. Cox, 843.953.5715

#### Special Education

<http://teachered.cofc.edu/graduate-progs/edsp-cert.php>

Dr. Cozart, 843.953.6353

#### Statistics

<http://math.cofc.edu/>

Dr. Cox, 843.953.5715

#### Urban and Regional Planning

<http://puba.cofc.edu/academic-information/certificate-programs/index.php>

Dr. Keenan, 843.953.5679

# Faculty

**ABUHAKEMA**, Ghazi M., Ph.D., Assistant Professor of International and Intercultural Studies (2008) B.A., Al-Yarmouk University; M.A., St. Michael College, Ph.D., University of Texas

**ADAMS**, Reid L., Ph.D., Assistant Professor of Teacher Education, (2010) B.S., M.A., College of Charleston; Ph.D., University of North Carolina

**AGREST**, Sofia, M.S., Senior Instructor of Mathematics (2000) B.S., M.S., Abkhazian State University

**ALI**, K. Adem, Ph.D., Assistant Professor of Geology (2011) B.S., M.S., Addis Ababa University; Ph.D., Kent State University

**ALWINE**, Andrew T., Ph.D., Assistant Professor of Classics (2012) B.A., Baylor University; M.A., Ph.D., University of Florida

**ANDERSON**, Paul E., Ph.D., Assistant Professor of Computer Science (2011) B.S., M.S., Ph.D., Wright State University

**ANGUELOVA**, Iana, Ph.D., Assistant Professor of Mathematics (2008) Diploma, Sofia University, Bulgaria; M.Sc., Ph.D., University of Illinois

**ARTILES**, Erica L., Ph.D., Assistant Professor of English (2006) B.A., St. Norbert College; M.A., Ph.D., Purdue University

**ASHWORTH**, Kristen E., Assistant Professor of Teacher Education (2012) B.S., Virginia Polytechnic Institute and State University; M.Ed., Averett University; Ph.D., University of Virginia

**ATTAFI**, Abdellatif, Ph.D., Professor of French and Francophone Studies (1989) B.A., M.A., Ph.D., L'Université de Lille, III (France)

**AUERBACH**, Michael J., Ph.D., Professor of Biology and Dean of School of Sciences and Mathematics (2011) B.S., S.U.N.Y. at Stony Brook; M.S., Ph.D., Florida State University.

**AURIFFEILLE**, Deborah, Ph.D., Associate Professor of Sociology (2001) B.S., M.U.A., Virginia Polytechnic Institute and State University; Ph.D., Northeastern University

**AVENDANO**, Nadia, Ph.D., Associate Professor of Hispanic Studies (2003) B.A., University of California, Davis; M.A., Ph.D., University of Arizona

**AYME-SOUTHGATE**, Agnes, Ph.D., Associate Professor of Biology (1999) B.S., M.S., Ph.D., University of Geneva, Switzerland

**BAGINSKI**, Thomas, Ph.D., Professor of German and Slavic Studies (1993) B.A., University of Kiel; M.A., University of Georgia; Ph.D., The Ohio State University

**BAKANIC**, Von, Ph.D., Associate Professor of Sociology (1991) B.A., M.A., University of South Carolina; Ph.D., University of Illinois

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