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President

Elise B. Jorgens
Proost/Senior Vice President for Academic  
Affairs/Dean of the Faculty

Andrew L. Abrams
Senior Vice President for Strategic Planning and  
Administration, General Counsel

Fredrick W. Daniels, III
Senior Vice President for Executive  
Administration and Institutional Resources

Daniel S. Dukes, IV
Senior Vice President for Governmental Affairs

Jeri O. Cabot
Acting Senior Vice President for Student Affairs

Gary M. McCombs
Senior Vice President for Business Affairs

Sue A. Sommer-Kresse
Senior Vice President for Institutional  
Advancement

The Board of Trustees

College of Charleston Board of  
Trustees

The Board of Trustees of the College of Charleston  
is composed of 17 members. Fifteen are elected by  
the general assembly (two from each Congressional  
District and three at-large), one appointed by the  
governor, and one the governor or his designee.

Robert S. Small, Jr., Chairman

Marie M. Land, Vice Chairman

J. Vincent Price, Jr., Secretary

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Joel H. Smith ........................................... Columbia, S.C.
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2nd District

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Governor's Appointee

Cheryl Whipper Hamilton ........................................... Charleston, S.C.
Governor's Designee

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

The College of Charleston is committed to  
providing leadership in the attainment of equal  
opportunity for all persons regardless of race,  
religion, sex, national origin, age, disability, or  
or other legally-protected classification. This effort  
is in compliance with all federal and state laws,  
including Titles VI and VII of the Civil Rights Act  
of 1964, Title IX of the Education Amendments of  
1972, Section 503 and 504 of the Rehabilitation Act  
of 1973, and the Age Discrimination Act of 1975  
as amended, and the Americans with Disabilities  
Act; inquiries should be directed to the Office of  
Human Relations and Minority Affairs, College of  
Charleston, Charleston, South Carolina 29424.

This catalog is not a contract. The College of  
Charleston reserves the right to change programs of  
study, academic requirements, and College poli­
cies at any time, in accordance with established  
procedures, without prior notice.
College of Charleston
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, enrolling 8,000 to 9,000 full-time students, 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 master's 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.

College of Charleston
Statement of Institutional Goals

The philosophical goals stated below constitute broad guidelines for the design of educational programs, curricula, and supporting services. Each unit of the College will articulate the goals of learning, which reflect its unique discipline, field, or area of service. Though strategies of implementation will vary from area to area, the goals address undergraduate and graduate education as well as offices of administrative services, thus providing the basic framework for articulation of goals by academic and administrative units.

Instruction
1. To ensure that students read, write, and speak effectively.
2. To ensure, through a strong core curriculum, that students acquire a basic knowledge in humanities, mathematics, the natural sciences, and the social sciences.
3. To train students in methods of scholarly inquiry, scientific research, and problem solving.
4. To encourage students to develop a life-long commitment to learning.
5. To help students identify their goals and develop means of achieving them.
6. To help students understand and respect people from diverse backgrounds and cultures and to encourage development of a global outlook.
7. To encourage students to become conscious of the importance of the political, social, economic, and scientific issues of their time.
8. To offer students a broad range of educational programs, including those leading to a variety of careers.
9. To design and conduct graduate programs which meet the needs of the community and are consonant with the academic mission of the College.
10. To help students acquire depth of knowledge and competence in at least one academic discipline, including:
   a. The ability to recount and explain the basic facts and postulates of the discipline and use these in the solution of problems with which the discipline concerns itself.
   b. Proficiency in the use of the technique and tools (including the computer) of the discipline.
   c. An awareness of the resources of the discipline and the ability to seek out and assimilate knowledge that has not been a part of the classroom experience.

Faculty, Staff, and Students
1. To recruit and retain a faculty that is well educated, supportive of the academic mission of the College, sensitive to student and community needs, active and productive as scholars, and enthusiastic and able as teachers.
2. To recruit and retain an effective and well-trained staff, sensitive to the needs of those whom they serve and committed to supporting the academic mission of the College.
3. To identify, recruit, and retain students whose records indicate a good likelihood of success in a college that emphasizes academic excellence.
4. To create a community of scholars in which mutual trust and respect permeates the interaction among students, faculty, and staff.
5. To encourage and support an active intellectual, cultural, and social life on the campus beyond the classroom.

Administrative Services
1. To ensure for all persons equal opportunity and access to employment, admissions, and programs and services for the College without regard to age, sex, race, national origin, color, religion, or physical handicap.
2. To encourage student research and development and provide an environment which enables faculty members to participate in the search for knowledge.
3. To secure and effectively manage funds necessary to maintain the College's academic programs and support services.
4. To provide systems of campus governance which are responsive to the concerns of students, faculty, staff, and trustees.
5. To acquire and maintain facilities and equipment necessary to support the goals of the College.
6. To maintain a library that provides materials which are necessary for a strong, modern program of instruction in all academic departments.

Community Service
1. To serve as a community resource for information and expertise.
2. To design and conduct a continuing education program which meets the needs of the community.
3. To offer cultural events for the community.

Approved by the State College Board of Trustees on March 12, 1986
College of Charleston Information

Situated in the midst of a city that treasures its past while promoting its future, the College of Charleston and the University of Charleston, S.C. share one of the nation’s most beautifully historic campuses. Founded in 1770 and chartered in 1785, the College is the oldest institution of higher education in South Carolina and the thirteenth oldest in the United States. In 1836, it became the nation’s first municipal college, and in 1970 the College joined the state higher education system. In 1992, the Graduate School of the College of Charleston was established for graduate studies, professional development and community services, and faculty research and grant administration. Today, this modern, thriving academic institution offers a world-class liberal arts education for more than 10,000 undergraduate and graduate students.

The College's destiny is excellence in education. Of its approximately 456 faculty members, 85% have earned a Ph.D. or the highest degrees in their fields. The student/faculty ratio is 18:1. An enduring commitment to the liberal arts and sciences is seen in the core curriculum of the College, which requires study in English, history, modern and classical languages, math, science, the arts, and the social sciences. More than 43 majors and 17 interdisciplinary minors, innovative teaching techniques such as a marketing course taught entirely in French, and national and international exchange programs with academic institutions in Europe, Africa, and Asia, as well as colleges throughout the United States, offer global opportunities for intellectual and personal growth.

Students in the Intermodal Transportation Program study operations at one of the nation’s busiest ports, modernize institution offers a world-class liberal arts education for more than 10,000 undergraduate and graduate students.

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For nearly 200 years three buildings constituted the College of Charleston. Now the campus consists of over 100 buildings ranging from historic residences to high-tech classrooms. In addition to the main campus, the College includes a classroom facility in North Charleston, the Grice Marine Laboratory on James Island, and a new outdoor sports complex and a recreation area and sailing center in M.t. Pleasant.

The College is situated in the heart of historic downtown Charleston. Interstate 26 originates a few blocks from the campus and connects with I-95, the major north-south route. The main campus is accessible to the Charleston International Airport and the Amtrak train station.

College of Charleston-North
(843) 953-6684
north.cofc.edu

In an effort to meet the needs of commuting students and working adults in our community, the College of Charleston-North was established to serve students from the North Area, West Ashley, and Berkeley and Dorchester Counties. The College of Charleston-North is located near the Charleston International Airport at 5300 International Boulevard.

To accommodate the schedule of working adults, courses are offered not only during traditional hours, but also in the late afternoon, in the evening, and on weekends. In addition, “express courses” are offered, meeting twice as often for only half the semester.

It is possible for students to complete all of their general education requirements at College of Charleston-North in two years by taking courses only in the evening, only during the day, or a combination of the two. Also, working adults can complete all of the requirements for a degree in Corporate Communication in the evening at the CoC-North. Schedules and special advising are available to insure that students complete their general education or Corporate Communication requirements as efficiently as possible. Many elective courses are also offered.

College of Charleston-North offers a wide range of student services including advising, registration, and book sales. A computer lab linked to the Internet, Cougar Trail, and the College’s library is available for student use. Parking is free, and only stops away from classrooms. College of Charleston-North students have full access to all programs and services on the downtown campus.

Students’ Rights and Responsibilities

In meeting the admissions standards of the College of Charleston and choosing to enroll, students have exercised their right to attend a public college of the state of South Carolina. As with any citizen, students are expected to adhere to all federal, state, and local laws. By enrolling at the College of Charleston, students accept the responsibility to adhere to its regulations and codes. Specific rights and responsibilities are detailed in the Student Handbook. Copies are given to students upon matriculation and are available in the Office of Student Affairs as well. It is the responsibility of each student to familiarize himself or herself with the academic and conduct regulations which govern eligibility to continue at the College as set forth in this catalog.

The Student Handbook covers such policies as:

The Honor System*

The Honor System of the College of Charleston is intended to promote and protect an atmosphere of trust and fairness both in the classroom and in the conduct of daily life. Students at the College are bound by honor and by enrolling at the College to abide by the code and to report violations of it. Alleged violations of the Honor Code which are not admitted by students will be heard by the Honor Board, a body composed of students, faculty, and staff members. Faculty members also are required to report alleged violations of the Honor Code. If guilt is established, by admission during the judicial process or by hearing, the faculty member determines in what manner a student’s grade will be affected by the violation. Additional penalties, which range up to and include expulsion from the College, may be assessed by the Honor Board.

Student Code of Conduct*

As members of the College community, students are expected to evidence a high standard of personal conduct and to respect the rights of others, students, faculty, staff members, community neighbors, and visitors on campus. Students also are expected to adhere to all federal, state, and local laws.

The Code of Conduct prohibits such activity as the possession of drugs, destruction of property, and the making of a false threat of any emergency. It further prohibits physical or verbal abuse or harassment of any sort.

Violations may be heard by the Honor Board or a student affairs administrator.

Rights of Students Under the Family Educational Rights and Privacy Act ("Buckley Amendment")*

The Family Educational Rights and Privacy Act of 1974, as amended, is a federal law which provides for the confidentiality of student educational records. The College of Charleston accords all of the rights under the law to its students. No one outside the institution has access to, nor does the institution disclose any information from, students’ educational records without the written consent of students except as permitted by law.

Classroom Code of Conduct*

While there are many informal situations in which people have neither the desire nor the right to prescribe how others ought to behave, a college classroom requires a higher level of courtesy than many people exercise in ordinary public space. Everyone in a classroom is there for the purpose of learning, and no one should be able to deprive another person of the chance to learn.
College of Charleston English Fluency Policy*

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."

Alcohol and Substance Abuse Policy*

The College has taken the position that misuse of alcohol and any use of illegal drugs are not consistent with the mission of the institution and will not be tolerated. The College provides detailed policies regarding alcohol and drugs in the Student Handbook. Further, the College offers assistance to all students seeking to reduce the harmful effects their alcohol and drug choices may have on their academic success and college experience.

Student Grievance Procedure*

Disputes occasionally may arise between members of the College of Charleston community over both academic and non-academic matters. While many issues can be resolved at the personal level between the two parties, a formal procedure is available for the resolution of disputes that cannot. The procedure that has been established presents a framework within which disputes may be settled. The formal procedure is not meant to change the character or a dispute but to ensure that all parties are treated fairly and that every attempt is made to arrive at a just resolution of the dispute.

Sexual Harassment Policy*

Respect for the dignity and worth of all individuals is essential to an appropriate college environment. The College's Sexual Harassment Policy is a result of discussions with faculty, staff, and students regarding sexual harassment issues and the desire to provide a campus environment that is positive and encourages communication and personal growth for all members of the campus community.

* Policies and procedures in their entirety may be found in Student Handbook: A Guide to Honorable Conduct.

Campus Security Act

In complying with the Student Right to Know Act, the Department of Public Safety in conjunction with the Office of Student Affairs, publishes an annual security report containing campus security policies and procedures as well as campus crime statistics. Outlined within the same report are tips to improve campus safety and available educational programming to serve the campus community. Copies of the annual report are available at public safety or can be accessed on the website: www.cofc.edu/publicsafety

Admissions

(843) 953-5670
www.cofc.edu/admissions

As an equal opportunity educational institution, the College of Charleston makes no distinctions on the basis of race, color, sex, creed, or national origin either in admitting students or in any of its other activities. Believing that its educational program and its campus life are enriched by a student community that includes a variety of individuals — persons of different races, age groups, religious persuasions, and ethnic backgrounds — the College encourages all qualified persons who are attracted to its programs to apply for admission.

Campus Tours

Campus tours are offered at 10:00 a.m. and 2:00 p.m., Monday through Friday, from September through April. In addition, there are information sessions for prospective students and/or admitted students at 11:00 a.m. and 3:00 p.m.

Because space is limited and tours fill up quickly, pre-registration is required through the Office of Admissions at least two weeks prior to the campus visit. If you are unable to attend, please notify the admissions office at least 48 hours in advance at (843) 953-5670 or campusvisit@cofc.edu. For up-to-date information about open houses and campus tours, please visit www.cofc.edu/admission/visiting.html.

Open Houses

Several times a year the College offers a full day of scheduled activities designed to give prospective students and their families a close-up view of the college. Tours of the campus are available as well as information sessions on such topics as admission, financial aid/scholarships, academic life, student activities, Honors Program, and residence life. Visit our website for dates and times: www.cofc.edu/admissions/visiting.

The Application and Admission Process for Degree Candidates and Non-Degree Candidates Under 21 Years of Age

When to Apply

Students who wish to enroll in August should apply by April 1, and those wishing to enroll in January by Nov 1 in the year prior to their intended enrollment. The College will consider applications until all classes have been filled or, in the case of applicants who want to live at the College, as long as there are residence hall rooms available.

NOTE: Students who have applied by November 15 for the fall semester are automatically considered in the early scholarship award process. Students who have completed all admissions requirements by January 15 for the fall semester deadline are automatically considered in the academic scholarship award process.

Application Materials

In order to be considered as a candidate for admission, an applicant must submit a completed application form and a $45 (paper) or $35 (online) application fee. This fee is non-refundable. An application can be submitted electronically or downloaded and submitted by mail or requested from the Office of Admissions by going to the following web address: www.cofc.edu/admissions/degree/apply.html.

NOTE: It is the responsibility of each applicant to ensure that all required information is completed and sent directly to the Office of Admissions.

Freshman Admission

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.

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 of the Scholastic Assessment Tests (SAT) or American College Testing Program (ACT). 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 will use them for placement purposes only.
4. International students from non-English speaking countries may submit a TOEFL score in lieu of SAT or ACT results.

Prospective students are expected to have adequate preparation for the curriculum in which they plan to enroll. All public senior colleges and universities in South Carolina require that applicants for freshman admission complete certain courses in high school before admittance. These requirements are listed below:
Area | Units
---|---
English | 4

At least two units must have strong grammar and composition components; at least one must be in English literature, and at least one must be in American literature. Completion of College Preparatory English I, II, III, and IV will meet this criterion.

Mathematics | 3 (4 recommended)

These include Algebra I (for which Applied Mathematics I and II may count together as a substitute if a student successfully completes Algebra II); Algebra II, and geometry. A fourth higher-level mathematics course is strongly recommended. The fourth course should be selected from among precalculus, calculus, statistics, or discrete mathematics.

Laboratory science | 3 (4 recommended)

Two units must be taken in two different fields and selected from among biology, chemistry, or physics. The third unit may be from the same field as one of the first two units (biology, chemistry, or physics) or from advanced environmental science with laboratory or marine biology with laboratory for which biology and/or chemistry is a prerequisite. Courses in earth science, general physical science, or introductory or general environmental science for which biology and/or chemistry is not a prerequisite will not meet this requirement.

Foreign language | 2 (3 recommended)

Two units of 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.

Electives | 4

Four college preparatory units must be taken from three different fields selected from among computer science, English, fine arts, foreign languages, humanities, laboratory science (excluding earth science, general physical science, general environmental science or other introductory science courses for which biology and/or chemistry is not a prerequisite), mathematics above the level of Algebra II, and social sciences. It is suggested that one unit be in computer science which includes programming (i.e., not just keyboarding) and one unit in fine arts (appreciation of, history, or performance).

Physical Education or ROTC | 1

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, the most recent semester of high school attendance.

Transfer credits earned ten or more years prior to enrollment at the College must be evaluated and revalidated by the appropriate department to be applicable for graduation credit.

International Students

Recognizing that international students bring a wealth of educational and cultural benefits to the College and the community, the College of Charleston welcomes applications for admission by students from abroad. Young men and women who possess high academic and personal qualifications, and who have a sufficient command of spoken and written English to allow active pursuit of a full course of studies, will discover that an exciting personal and intellectual challenge awaits them at the College of Charleston.

In addition to satisfying the College's general admission requirements, applicants from abroad must provide proof that they are proficient in English (generally by submitting the TOEFL results with a minimum score of 550 on the paper-based test and 213 on the computer-based version) and that they have adequate funds to meet their educational expenses (certification of finances).

International students should direct inquiries and requests for further information to the Office of International Education and Programs or the Office of Admissions.

Transfer Admission

A transfer applicant is a person who graduated from high school, attended another college-level institution, and attempted one or more courses regardless of credit earned. Applicants for transfer admission will be considered only if the student is eligible to return to the last institution attended as a regular student.

If an applicant has earned fewer than 30 semester hours (45 quarter hours) of college-level work, the applicant must meet transfer and freshman entrance requirements. The maximum number of transfer credits acceptable toward a College of Charleston degree is 92 semester hours from a four-year institution. Normally, 60 semester hours are the maximum from a two-year institution. Should a student exceed 60 semester hours at a two-year institution, a petition in writing must be submitted to the dean of admissions.

NOTE: The School of Business & Economics has special transfer policies due to AACSB national accreditation requirements.

Transfer applicants for admission must submit:

1. Completed application forms with a non-refundable application fee.
2. Official transcripts of college-level courses attempted for each college attended. If courses are in progress at the time of application, a final supplemental transcript must be sent to the Office of Admissions upon completion.
3. A complete copy of high school records, including SAT or ACT results, if fewer than 30 semester hours (45 quarter hours) have been earned at other colleges or universities.

On a space-available basis, all applicants will be considered who submit the documentation outlined above, who are eligible to return to the last institution attended, and who have a minimum cumulative GPA of 2.6 (in-state), 3.0 (out-of-state) or better (on a 4.0 scale) calculated on all previous institutions attended. In-state applicants who have earned an associate's degree but have less than a 2.6 cumulative GPA will be carefully considered on the basis of the quality of their credentials. If accepted for admission, coursework completed at other institutions with a minimum grade of "C" or its equivalent will be evaluated for transfer to the applicant's choice of curriculum. Credits awarded at other institutions on the basis of placement testing are not acceptable as transfer credits at the College of Charleston. If courses have been graded on a "pass-fail" basis, transfer credit can be awarded if the institution where the courses were completed will assign a minimum equivalent of "C" to the "pass" grade.

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

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

Standardized Tests

High school students planning to take the SAT or ACT generally make arrangements through their school principal or guidance counselor. However,
anyone may write directly to the College Entrance Examination Board, Box 592, Princeton, NJ 08540 or ACT, P.O. Box 414, Iowa City, IA. 52243 to request the necessary application forms, information on the general nature of the tests, the dates tests are given, the centers where they may be taken, and the fees required. Admissions candidates must request that the results of the tests be sent to the College of Charleston. The College's ACT code no. is 3946 and SAT code no. is 5113.

NOTE: The admissions committee can make no decision until the SAT or ACT scores have been received. When selecting a test date, please bear in mind that it takes approximately four weeks from the test date for the scores to reach the Office of Admissions.

Decision-Making Process
Both quantitative and qualitative components guide the Office of Admissions in reaching their final decisions on applicants. The admissions committee weighs carefully the student's academic preparation, rank in class, SAT/ACT results, essay, leadership qualification, and letters of recommendation. A slightly higher profile is required of out-of-state students.

Admission Procedures
Applicants will be informed whether or not they have been accepted for admission as soon as possible after a decision has been made. If accepted, individuals typically are given to May 1 (fall) or Dec. 1 (spring) to confirm enrollment. An applicant accepts the College's offer of admission by sending the $200 advance tuition deposit. This deposit, credited to the student's tuition, is refundable upon written request until May 1 for fall semester applicants, and until December 1 for spring semester applicants. Students at the College of Charleston are not required to live on campus. The College offers housing to approximately 2,350 students in diverse facilities such as residence halls, apartments, and historical houses. An offer of admissions does not guarantee on-campus housing. Early confirmation of admissions is strongly encouraged if you desire on-campus housing.

Students who plan to live at the College will also be required to submit a $270 deposit when the housing/residence hall contract is issued. This deposit is refundable on the same basis as the advance tuition deposit.

Health Requirements
The College of Charleston requires students to demonstrate immunity or proof of vaccination for measles, rubella, mumps, polio, tetanus, and diphtheria. Documentation of TB skin test within a year is required. Requirements for individuals born before 1957 are detailed in the health form.

Health forms are a means for Student Health Services to ensure the optimum health of students on campus; the forms are absolutely confidential and in no way affect student admission status. The health form, however, must be completed and returned with the immunization information in order to complete the registration process.

Other recommended but not required immunizations include the chicken pox vaccination if never exposed, and the Hepatitis B vaccination series for young adults. In the fall of each year, influenza vaccination is offered to all students without charge.

If problems arise with complying with this policy, or in obtaining adequate vaccinations, please call health services. Please return the completed forms to:
Student Health Services
181 Calhoun Street
Charleston, SC 29424

Adult Students
(843) 953-5620
adu@cofc.edu

As part of its mission of service to the community, the College of Charleston welcomes adults who wish to take credit courses. Through the Office of Admissions, persons 21 years of age and over who hold a high school diploma or equivalent and have not been dismissed from any college or denied admission to the College of Charleston may enroll in credit courses, which could be applicable toward the completion of an undergraduate degree at the college. Upon successful completion of 15 hours of credit courses, non-degree students who wish to earn a degree from the College of Charleston are encouraged to apply for degree candidacy. Returning adults who have a large number of credits to transfer to the College may be advised to apply for degree admission immediately so that they may join their major departments.

Services available to new and returning adult students through the Office of Admissions include information sessions, placement tests, registration opportunities, initial academic advising and planning, referral to departmental re-entry advisors, and other student support services.

This program also assists adults with previous college experience to send for transcripts and have them evaluated.

Categories of non-degree seeking students include:
1. Individuals who wish to establish an academic record before deciding if they will earn a degree. This category includes adults who may have been out of school for a period of time and are uncertain about whether or not they wish to earn a degree. Students who decide that they wish to seek a degree are advised to apply through the Office of Admissions for degree candidacy upon successful completion of 15-30 semester hours with the required GPA. These students are expected to apply before completing 60 semester hours, including any credits expected to transfer from previous college work. Students are encouraged to complete the English 101-102 minimum requirement immediately if they have not done so in previous college work.

2. Individuals who currently do not plan to earn a degree from the College but are taking courses to fulfill employment requirements, for personal interest, or to earn a degree from another institution. These students may already have a degree.

3. Persons 60 years old or older who are residents of South Carolina may take courses without paying a tuition charge, on a space-available basis. A nominal registration fee (currently $25) will be assessed each semester. Under a legislative provision, courses may be taken either for credit or audit. A special registration is provided the day after classes begin during fall and spring semesters at which time students in this category must present proof of age the first time they register with the college. Students over the age of 60 who register prior to the special registration day will be subject to the regular tuition charge. Those who wish to earn a degree must formally apply through the Office of Admissions. Maymester and summer sessions are also included in this program.

Adult Student Scholarships, Grants, and Financial Assistance
Several types of scholarships and grants may be available to adult students. These include incentive grants and learning strategies grants to enable students to return to college. Academic scholarships are also awarded on a competitive basis to adult student applicants and are based on academic scholarship and potential.

Adult students seeking financial assistance and scholarships are encouraged to apply for these programs through an application obtained from the Office of Admissions and Adult Student Services (843-953-5620). Applicants should also contact the Office of Financial Assistance and Veterans Affairs to learn of other opportunities that may be available.
**Special Student Categories**

**Concurrent Enrollment**

With the approval of their principal and/or guidance counselor, students enrolled in high school may take courses at the College of Charleston along with their regular high school courses. Students need to be accelerated in their studies. **Students are required to:**

1. Complete a non-degree application for admission.
2. Submit a written recommendation from their principal or guidance counselor.
3. Submit a copy of high school transcripts.

Advising for course selection will be available and the student will be registered for the course(s) agreed upon after approval of the academic department.

Since the courses carry full college credit, students are subject to the academic regulations of the College of Charleston.

**Visiting Students**

Visiting (non-consortium) students who plan to earn a degree from another institution and wish to take courses at the College of Charleston during the fall and/or spring semesters must complete a non-degree application and present documentation from their home institutions to the Office of Adult Students Services certifying that they are currently enrolled at another institution, academically eligible to return to their home and/or on a leave of absence, and are eligible to take courses at the College.

Visiting students who plan to take courses during Maymester and/or summer school must enroll through the Office of Maymester and Summer Sessions.

**NOTE:** Visiting students are not eligible for financial aid at the College of Charleston.

**Placement Examinations**

**College Entrance Examination Board Advanced Placement Examinations**

The Advanced Placement Program of the College is accepted at the College of Charleston. Students who have taken college-level courses in secondary school and who have achieved a score of 3, 4, or 5 on an advanced placement examination will be awarded advanced placement credit. No more than six to eight credits will be granted in any one discipline area. With regard to this policy, history is defined as consisting of two disciplines—American history and European history. For information on specific AP courses, please contact the Office of Admissions. Visit our website at www.cofc.edu/undergrad/ap.html

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

The College of Charleston will accept for credit and placement the following CLEP Subject Examinations:

- American history
- College algebra
- General chemistry (course only, no laboratories)
- General psychology
- Human growth and development
- Trigonometry
- Western civilization
- Languages (French, German, and Spanish)

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. Further information about CLEP should be obtained from the counseling center or from the appropriate academic department chairman.

**International Baccalaureate Program**

Credit earned under the International Baccalaureate Program is accepted at the College of Charleston. Students who have taken college-level courses in secondary school and who have achieved a score of 5, 6, or 7 on a higher level IB examination will be awarded credit.

**Readmission**

Any student at the College of Charleston who voluntarily withdraws from the College or is dismissed for academic deficiency must apply for readmission in order to re-enroll. 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. All students who have done previous work at other colleges or universities must have their transcripts sent to the Office of Admissions. All students must meet transfer GPA requirements and all admission deadlines. 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 been dismissed from the College for academic deficiency and who complete the suspension period will be considered for readmission. Because the simple passage of time cannot ensure that dismissed students will improve their academic record, applicants for readmission must submit with their applications for readmission a personal letter addressed to the Office of Undergraduate Studies outlining how they have used their time while out of school and giving their reasons for believing that they will now be successful at the College. 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 accepted. They will be advised accordingly and urged to seek alternative plans. Those whose records indicate that they can reach graduation standards in a reasonable period of time must meet the following conditions for readmission:
   a. They must complete a special one-day workshop that contains information on the services that the College provides for students with academic difficulties, the academic requirements they must satisfy, and their personal responsibilities in reaching good academic standing. Most students will be required to enroll in the course, Learning Strategies (EDLS 100) to attain the skills necessary to succeed at college.
   b. Each student must sign a readmission contract prepared by the Office of Undergraduate Studies. The contract specifies the grade point average (GPA) and other specific requirements that readmitted students must meet in order to remain at the College of Charleston.

Grades for readmitted students on contract are reviewed every semester or until students bring their GPAs into compliance with the College's standard minimum scholastic attainment. In effect, readmitted students on contracts are placed on probation when returning and are subject to immediate dismissal if they do not meet the conditions of their contracts.

3. Students who voluntarily leave the College while on probation may be readmitted but under conditions in 2 (a, b) above.

4. Students who voluntarily leave the College and are not on probation, but who have less than a 2.0 cumulative GPA, will be readmitted conditionally in accordance with 2 (a, b) above.

5. 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.

6. College of Charleston or transfer credits earned ten or more years prior to re-enrollment at the College must be evaluated and revalidated by the appropriate department to be applicable for graduation credit.

**NOTE:** See Three-Year Transfer Option.
Financial Information
(843) 953-5572

Basic Fees and Expenses
As a state-affiliated institution, the College of Charleston's fees are based 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.

All fees are due and payable in full before or during the official registration period. Registration holds are placed on all students with unpaid balances. Checks for the exact amount of charges should be made payable to College of Charleston.

Note: All fees listed in this section are for 2002-03 and are subject to change at any time.

General Regulations
Parents and guardians of minors accept all conditions of payment and regulations upon the student's acceptance for admission.

• Each student is liable for any breakage and for any damage to rooms or furnishings.
• Diplomas and transcripts are not issued until all college accounts have been paid in full.

NOTE: The College of Charleston assumes no responsibility for losses due to fire, theft, or any other cause.

Legal Residency for Tuition and Fee Purposes: Initial residency status for applicants to the College of Charleston is determined from information on the application form. Requirements regarding establishment of legal residency for tuition and fee purposes are governed by legislation set forth by the South Carolina General Assembly. Under South Carolina law, resident status for tuition and fee purposes may be established by independent citizens, military/dependents, and certain aliens. There are also provisions applicable to resident classification of dependent persons. Physical presence in the state solely for educational purposes does not constitute establishment of South Carolina residency for tuition and fee purposes.

Contact the Office of Legal Residency at (843) 953-7311 or 7312, or legalresidency@cofc.edu for information pertaining to eligibility and applications.

<table>
<thead>
<tr>
<th>College Fees Per Semester</th>
<th>S.C. Resident</th>
<th>Non-Resident</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academic and general fees (12 hours or more)</td>
<td>$2,429</td>
<td>$5,487</td>
</tr>
<tr>
<td>less rebate = 151</td>
<td>less rebate = 342</td>
<td></td>
</tr>
<tr>
<td>$2,278</td>
<td>$5,145</td>
<td></td>
</tr>
<tr>
<td>Part time fees (per credit hour for 11 hours or less)</td>
<td>$200</td>
<td>$455</td>
</tr>
<tr>
<td>less rebate = 12</td>
<td>less rebate = 28</td>
<td></td>
</tr>
<tr>
<td>$188</td>
<td>$427</td>
<td></td>
</tr>
<tr>
<td>Computer fee per semester hour</td>
<td>$2</td>
<td>$2</td>
</tr>
<tr>
<td>Library fee</td>
<td>$5</td>
<td>$5</td>
</tr>
<tr>
<td>Registration fee</td>
<td>$5</td>
<td>$5</td>
</tr>
<tr>
<td>Activity/health fee</td>
<td>$5</td>
<td>$5</td>
</tr>
<tr>
<td>Audit fee (per credit hour)</td>
<td>$200</td>
<td>$455</td>
</tr>
<tr>
<td>less rebate = 12</td>
<td>less rebate = 28</td>
<td></td>
</tr>
<tr>
<td>$188</td>
<td>$427</td>
<td></td>
</tr>
</tbody>
</table>

Additional Charges
Anthropology field study fee
3-hour course ................................................... $35
8-hour course .................................................. $50
Application fee .................................................... $35
Applied music fee (per course)
1/2-hour course .................................................. $200
1-hour course .................................................. $400
Computer science lab fee (per course) .................. $20
Golf fee .......................................................... $35
Graduation fee ................................................... $25
Horseback riding fee ......................................... $150
Ice skating fee .................................................. $195
Language lab fee (100 and 200 levels and ESL) ........ $35
Late registration fee ........................................... $25
Lost Cougar Card ............................................... $10
Matriculation/orientation fee ................................ $45
Outdoor education .............................................. $225
PE/health 202 lab activity fee ......................... $125
Returned check fee (per check) ......................... $15
Sailing fee ...................................................... $60
Science laboratory fee ........................................ $35
SCUBA fee ....................................................... $85

Senior citizens registration and lab fees ............. $25
Studio art fees
Photography courses ........................................... $40
All others including sculpture, printmaking,
painting, drawing, special topics, and
independent study .............................................. $20
Transcript fees ................................................... $5
additional fee for fax ........................................... $5

Auditing Courses
Persons wishing to audit regular academic courses at the College must pay any special course fees and full per-credit-hour costs. Persons 60 years old or older may qualify for free tuition but will pay a nominal fee.

Cougar Cards
The Cougar Card is the official College of Charleston campus card used for identification, security, and access to campus facilities and services. The card is free of charge; replacements cost $10.00.

With a Cougar Card students can check books out of the library, access their meal plan, have access to recreational sports facilities, use computer lab facilities, and make purchases without having to carry cash. ID cards must be validated in the treasurer's office with a current semester's validation sticker to allow access to these campus services.

The Cougar Card features a vending stripe that allows the card to be used in place of cash in many snack machines, drink machines, laundry machines, and copiers located on campus. Funds placed on the vending stripe are non-refundable and non-transferable if the card is lost, damaged, or stolen. The vending stripe can be activated at any one of the three card-value-centers (CVCs) located on campus. CVCs allow discretionary account transfers in $1.00 increments with a $20.00 maximum to the vending stripe, as well as cash transfers of up to $20.00. CVC machines are located in the Joe Berry Residence Hall lobby, the main floor of the library, and the Education Center lobby.

The discretionary account is a pre-paid declining balance account that is accessed with the Cougar Card and can be used to make purchases in the bookstore, Cougar Card and parking services office, and at all food service locations on campus.

A long distance plan can be set up through SCNet by calling the customer service number on the back of the Cougar Card. Report all lost/stolen cards immediately to Cougar Card services during normal business hours: 8:30 a.m. - 5:00 p.m. After normal business hours, report lost cards to public safety at 953-5611.
On-Campus Housing

Residence Halls
Long a tradition at liberal arts colleges, residence hall living offers students a unique opportunity to live with people of different backgrounds and interests. Resident students also have easy access to on-campus social, cultural, and intellectual activities. Although the majority of College of Charleston students live off-campus, the College has residence hall space for approximately 2,300 men and women. Rooms are normally occupied by two or more students. On-campus facilities include two single-sex residence halls (one for men and one women), a co-ed apartment-style hall for upperclassmen only historic houses and three co-ed residence halls. First-time freshmen and transfer students are encouraged to make early application and confirmation of enrollment.

Room fees are non-refundable. The College makes no reductions in fees because of temporary absence during the year.

Housing Pre-Payment and Damage Deposit
A $270 prepayment must accompany the housing application of each new student. This prepayment includes a $200 housing prepayment deposit, a one-time $50 damage deposit, and a $20 non-refundable yearly application fee. The housing prepayment is due by the deadline stated on the housing packet.

A $220 prepayment must accompany the housing application and contract of each returning student. This prepayment includes a $200 housing prepayment deposit and a $20 non-refundable yearly application fee. The housing prepayment is due when the returning student goes through room sign-up in mid-February for the upcoming academic year.

NOTE: The $200 housing prepayment deposit may be refunded only before May 1st. After May 1st, the $200 housing prepayment deposit is not refundable for any reason. A request for contract cancellation must be made in writing and received by May 1st for the upcoming academic year. The $50 damage deposit is refundable upon written request to the Office of Residence Life and Housing at the time of withdrawal from the residence halls. If there are no damages to the residence hall room, furnishings, proper check-out procedure has been followed (including returning the room key), and there are no outstanding charges with the College, the $50 damage deposit will be refunded.

Off-Campus Housing
Students interested in off-campus housing can obtain information on available apartments, rooms, and houses from the residence life web site at http://reslife.cofc.edu. There are, at present, no campus facilities for graduate and married students.

Refund Policy
The College of Charleston authorizes academic and general fee refunds for students who withdraw from school according to the following schedules. Refunds to students will not be authorized beyond the period specified. To be eligible for a refund, the request must be submitted in writing to the Office of the Treasurer. Refunds are based on the date of official withdrawal. Students having outstanding balances at the time of withdrawal, including those on the payment plan, must settle their accounts with the Office of the Treasurer.

Academic and General Fees
Fall and Spring semesters
Through the official drop/add period .................. 100%
Through the first week after drop/add ................. 90%
Through the second and third weeks following drop/add ........................................ 50%
Through the fourth through seventh week following drop/add ........................................ 25%
Maymester, May evening, Summer I day, Summer evening, Summer II day:
Through the official drop/add period .................. 100%
Through the first day following drop/add .......... 90%
Through the second and third days following drop/add ........................................ 50%
Through the fourth through seventh days following drop/add ........................................ 25%

For undergraduate students, reimbursement for dropped courses must be requested in writing according to the dates specified above. Refunds are not initiated for students who do not do so.
NOTE: The refund policy is subject to change.

Institutional Refund Policy
Students who drop classes before classes begin or during the drop/add period will be awarded financial aid based on the actual hours of enrollment the day after drop/add ends. Students who withdraw from classes after the drop/add period ends may be eligible for a refund of fees. The official College policy and procedure concerning refunds resulting from withdrawal or reduction in hours is contained in the "fees" section of this catalog.
Financial Assistance and Scholarships

Title IV School Code: 003428
(843) 953-5540
www.cofc.edu/~finaid

Types of Financial Assistance

The College of Charleston (CoC) uses the Free Application for Federal Student Aid (FAFSA) to award all federal- and state-sponsored financial aid programs, which include grants, work-study, student loans, and parent loans. Grants are gift aid and do not require repayment. Work programs require the student to work part time to earn income to supplement expenses. Loans must be repaid, but students are not required to do so until six months after they drop below half time or cease to be enrolled. In order to qualify for federal funds, a student must meet the eligibility criteria listed on the Free Application for Federal Student Aid (FAFSA). Students should complete and submit the FAFSA on line at www.fafsa.ed.gov.

Federal programs are described in The Student Guide, published by the U.S. Department of Education, which can be accessed through the Internet at www.ed.gov/offices/OPE/students or requested from the Federal Student Aid Information Center at (800) 433-3243. State programs are described on the Internet at www.she400.state.sc.us/web/services.htm.

Students at CoC receive Federal Stafford Loans through the William D. Ford Federal Direct Loan Program. Parents of CoC students receive Federal Parental Loans to Undergraduate Students (PLUS) through the William D. Ford Federal Direct PLUS Loan Program.

Entrance Counseling for Loan Recipients

An Entrance Counseling Tutorial and Quiz is required of all first-time student loan borrowers at CoC prior to disbursement. If you have not previously completed an Entrance Counseling Tutorial and Quiz, you may complete this requirement on CoC's financial aid website at www.cofc.edu/~finaid/Counseling/counseling.html

NOTE: A copy of the Rights & Responsibilities Checklist must be printed off and returned to the Office of Financial Aid & Veterans Affairs as confirmation of successful completion of the quiz.

Eligibility Requirements

A student must be 1) a U.S. citizen or eligible non-citizen, 2) accepted into an undergraduate or graduate degree-granting program of study, and 3) enrolled at least half time. Processing of financial aid applications will not begin until a student is admitted to the College.

Continuing education students enrolled in non-degree granting programs are not eligible for federal financial assistance, but students are encouraged to seek student loan assistance from other alternative loan programs. For information about additional funding for continuing education students, please contact the College of Charleston continuing education department at (843) 953-5822.

Study abroad students are eligible for federal financial assistance. Students considering study abroad programs should meet with a financial aid counselor to discuss available options.

Teacher certification students who are residents of South Carolina, have already received a degree, and are pursuing teacher certification are eligible for student loans up to two years. Visit the South Carolina Student Loan Corporation’s website at www.slc.sc.edu/parentssud/teachcrloan.htm to learn about the South Carolina Teacher Loan Program. For information about enrolling in the teacher certification program, please contact the College of Charleston School of Education at (843) 953-5613.

Applying for Financial Assistance

The College of Charleston uses the FAFSA to award all federal- and state-sponsored financial aid. It is the only application the College requires to begin the financial aid process, and a new or renewal FAFSA must be completed each year students want to be considered for financial aid. When completing the FAFSA, students should list the Title IV School Code for the College of Charleston, which is 003428, so the office will receive the financial aid application data.

Each year the FAFSA must be completed and submitted online at www.fafsa.ed.gov anytime after January 1. Electronic filing is strongly recommended. It is more accurate, and the turnaround time is approximately three weeks versus five to six weeks if the paper FAFSA is filed.

It is recommended that students and their parents complete their federal tax returns before completing the FAFSA since much of the income information can simply be copied from a completed tax return.

Approximately four weeks after the FAFSA is submitted, a federal student aid report (SAR) is sent to the student. The family should review the information for accuracy and make any corrections, if necessary.

NOTES:
1. The deadline for priority aid is March 1. Students who submit the FAFSA after this date will be considered for whatever funding is available.
2. Students who apply for assistance after July 1 for fall or November 1 for spring semester should not expect aid to be finalized before classes begin.
3. Students who are planning to apply for any type of financial assistance must submit a FAFSA to the Office of Financial Aid.
4. Students enrolled in multiple colleges in the same semester may only receive financial aid from one college at a time.
5. Semester installment Payment Plan is available through the Office of the Treasurer.

Summer School Financial Assistance

In addition to completing the FAFSA, a separate summer school application is required for students who wish to be considered for summer financial aid. Students complete the summer school application after they have registered for classes. Aid for summer is available only for continuing students who have not used all eligibility during the current aid year.

Undergraduate students must be enrolled in at least six hours to be considered. Aid cannot be processed for students enrolled only in summer evening and/or summer II day terms. This application is available on the Office of Financial Aid website at www.cofc.edu/~finaid when enrollment for summer school begins each year.

NOTE: Students who wish to be considered for available summer aid should complete the summer school application by April 1.

Awarding Financial Aid

The awarding philosophy is based on the requirements set forth in the Higher Education Act. All financial aid, including loans, grants, and scholarships, are used to pay for tuition and fees, room and board, and any other school charges. If funds remain after the financial aid credits the student’s account, the school will issue a check. Students may use these excess funds to cover any additional expenses incurred for books, off-campus rent, etc.

The following principles are the basis of the College’s awarding philosophy:

1. Students are awarded for a full academic year with one half of the total award disbursed toward the fall and the other half disbursed toward the spring payment.
2. The financial aid office assumes full-time enrollment each semester for all students when issuing initial award notices, which is 12 credit hours. However, since EDLS 100 Learning Strategies for College Students does not count toward degree requirements, it does not count as enrolled hours for financial aid purposes.

3. Applicants who apply by the March 1 priority deadline will receive the best available financial aid packages.

4. Loan indebtedness of students will be held to a minimum whenever possible, with the total aid package not to exceed the student’s cost of attendance for one year at the College.

5. Eligible students will receive an award notification indicating the types and amount of financial aid.

6. Students who have a loan as part of their aid package will complete a Federal Direct Loan Electronic Master Promissory Note (E-MPN) for students’ Federal Stafford Loans outlining the terms of the loan. The E-MPN Internet site at http://studentloans.gov allows the student to complete and sign the E-MPN over the Internet. One completed copy of the master promissory note should be mailed to the Office of Financial Assistance.

7. Students receiving financial aid must be in compliance with the College’s Satisfactory Academic Progress Policy (SAP).

Satisfactory Academic Progress (SAP) Policy for Financial Aid Eligibility

All 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 general 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 these programs.

The College of Charleston/The Graduate School of the College of Charleston Satisfactory Academic Progress (SAP) Policy for Financial Aid Eligibility applies to all aid programs administered by or through the Office of Financial Assistance and Veterans Affairs. These standards apply to all students seeking or receiving assistance, whether or not aid may have been received previously. All students must be admitted to and eligible to enroll in an approved degree/certificate program of study. Non-degree students are not eligible for federal and state aid programs.

Undergraduate Students

The term undergraduate students refers to students pursuing their first or subsequent undergraduate degree(s), teacher certification, multiple majors, and/or minor concentrations.

Qualitative Standards: Students must meet the minimum criteria listed below:

<table>
<thead>
<tr>
<th>Credit Hours Earned</th>
<th>Cumulative GPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-19</td>
<td>1.50</td>
</tr>
<tr>
<td>20-59</td>
<td>1.80</td>
</tr>
<tr>
<td>60 or more</td>
<td>2.00</td>
</tr>
</tbody>
</table>

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 at any time, the transfer student’s standards may differ from one assessment period to another.

Incremental Quantitative Standards:

Students must earn a minimum percentage of cumulative hours attempted to demonstrate satisfactory academic progress toward degree completion. Attempted hours in excess of 12 in any term are not counted against the student in this calculation. The annual assessment occurs after spring grades are posted. The required percentages are on a graduated scale based on the number of years in school as indicated below:

<table>
<thead>
<tr>
<th>Year</th>
<th>Cumulative % of hours completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>65%</td>
</tr>
<tr>
<td>2</td>
<td>70%</td>
</tr>
<tr>
<td>3</td>
<td>75%</td>
</tr>
<tr>
<td>4 or more</td>
<td>80%</td>
</tr>
</tbody>
</table>

The minimum cumulative percentage of credit hours completed does not include any hours attained through advanced placement, CLEP, or transfer credits. Other credit hours not included in the minimum cumulative percentage of credit hours completed are non-hourly, audit or non-credit courses, e.g., cooperative education experiences, developmental and continuing education courses.

Time Limitation Quantitative Standards:

Undergraduate students (as defined above) who have attempted 183 credit hours (including transfer, advanced placement, and CLEP credits) will cease to be eligible for financial aid. A student’s credit hours are assessed incrementally at the end of fall, spring, and summer terms.

General Policies and Procedures Applicable to all Students

Withdrawal: Any student withdrawing from coursework will be evaluated based on the minimum number of credit hours attempted at the point of aid disbursement, e.g., a student enrolled in 18 hours and withdraws from 6, the evaluation is based on 12 hours. Anything less than 12 hours will have an adverse effect.

SAP Probation: Students who do not meet the SAP standards minimum grade point average and/or have not completed the required percentage of hours will be placed on SAP probation for the next incremental assessment period (one 12-month period beginning with Maymester). Students placed on probation are encouraged to meet with their academic advisor to develop a plan for making up deficiencies within the next incremental assessment period.

Termination of Aid: Students who are dismissed from the College of Charleston for any reason are terminated from financial aid. Students who do not meet the SAP standards for financial aid eligibility as of the end of the SAP probation period will be terminated from financial aid until they are again in full compliance.

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) after they have successfully completed the terms of their readmission contract. This policy may not be appealed.

Reinstatement of Aid: Students who are terminated from financial aid may submit an appeal for reinstatement of eligibility when they have mitigating circumstances beyond their control, which have resulted in deficiencies that could not be made up while on SAP probation. Such circumstances include the student’s injury or illness, death of a relative, or other special circumstances. In cases where the student and/or student’s family lives in an area that has been officially declared a national disaster area, an appeal may be filed.

Appeal forms for reinstatement of eligibility are available from the Office of Financial Assistance and Veterans Affairs. Appeals for reinstatement of eligibility are the responsibility of the student. The appeal must be submitted within the published calendar of appeal 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 should provide specific resolution to circumstances and supporting documentation as indicated on the appeal form.
Students appealing for reinstatement of eligibility remain ineligible to receive aid, but may pursue participating in the College of Charleston Semester Enrollment Payment Plan (not available in summer) through the Office of the Treasurer. Students should be prepared with other resources to pay all educational expenses not covered by the payment plan. 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. The College of Charleston’s satisfactory academic progress policy for financial aid eligibility complies with the Higher Education Act of 1965, as amended, federal regulations found in Section 668, 690, and applicable DCL GEN 96-10, 96-18, et al.

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 and spring: Students appealing eligibility for the academic year may submit an appeal from the second Monday in May until the last weekday in August. Students who are making up hours from the previous academic year in Maymester and summer sessions are strongly encouraged to appeal for the fall semester after summer grades are posted on the Cougar Trail.

Spring: Students appealing for the spring semester only may submit an appeal from the first weekday in January until the last weekday in January.

Verification

Students will be informed if selected for a process called verification. This process requires that the student and parent submit documentation to verify data contained on the FAFSA. Students and parents should keep a copy of their federal income tax returns and W-2 documents, which will be needed to complete the verification process. Students are required to complete the verification process within 30 days of the notification date from the Office of Financial Assistance and Veterans Affairs.

Return of Title IV Funds Policy

The Return of Title IV Funds Policy (federal student financial aid programs) was implemented at the College of Charleston in fall 2000. 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 only 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 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 484B 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 (CoC) and the student, according to the portion of disbursed aid that could have been used to cover CoC charges and the portion paid directly to the student once CoC charges were covered. CoC 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 CoC resulting from the return of Title IV funds used to cover charges.

Exit Interview Workshop

Before leaving the College of Charleston, loan recipients are required to attend an exit interview workshop that covers their responsibilities as loan recipients. Students will be notified by mail of the time and place for the workshop. Attending this exit interview is a requirement of the student loan process.

U.S. Department of Education Consumer Service Office

The U.S. Department of Education has created a new office for federal educational loan borrowers unable to obtain information and/or clarification on prior loans once they go into repayment. It is the Office of the Ombudsman, Student Financial Assistance, U.S. Department of Education, Rm. 3012, ROB #4, 7th and D Streets SW, Washington, D.C. 20202-5144. Phone: (877) 557-2575. Internet: www.sfahelp.ed.gov

Athletics Grants-in-Aid

Department of Athletics
(843) 953-5556

The Department of Athletics provides funds to the best qualified student-athletes as determined by the coaches. Prior to college admission, the NCAA determines eligibility criteria.

Academic Scholarships

College of Charleston

Freshmen who have been admitted to the College of Charleston by January 15 are automatically considered in the academic scholarship award process. Generally, students should meet the following criteria to be competitive:

1. Be an American citizen.
2. Graduate in the top 10 percent of their high school class.
3. Score 1300 or better on the SAT or 30 or better on the ACT.
4. Possess a strong academic record.

NOTE: At the present time no scholarship funding exists for international students.

Students should also investigate other scholarship possibilities, some of which are suggested below:

1. Parent’s employer or professional organizations
2. Community organizations (e.g., chamber of commerce)
3. Fraternal organizations (e.g., Elks, Rotary Club)
4. Local PTA groups
5. Local businesses and industry
6. Use the Web. Several free scholarship search programs are available through the College of Charleston’s home page in the financial aid section. Access the home page at: www.cofc.edu/finaid.
7. The College and local libraries contain reference books listing possible scholarship sources.

College of Charleston Scholarship Renewal Policy

There are certain standards for renewal of CoC scholarships. Students should refer to their CoC Scholarship Agreement to determine the minimum number of hours required to renew their academic scholarship.

Recipients of all scholarships must maintain a cumulative GPA of 3.0, unless noted differently on the CoC Scholarship Agreement. A scholarship is renewable and the student has maintained the required academic standards, the scholarship will be renewed automatically. Renewals are made in
the spring of each year for the upcoming academic year. Students are notified of renewal in early summer. Students failing to meet the renewal standards will also be notified in writing in early summer. Students unable to meet the renewal standards will be given the opportunity to appeal based on mitigating circumstances (e.g., serious health condition, death or serious health condition of an immediate family member, or a traumatic event). Instructions for appeals are included in the notification to the students who did not meet the standards.

Departmental Scholarships
Specific departments offer departmental scholarships to students within a particular major. Details about specific department awards may be accessed through the Office of Financial Assistance and Veterans Affairs at www.cofc.edu/~finaid.

State of South Carolina Scholarships
The state of South Carolina scholarship programs have specific eligibility requirements that are updated yearly for entering freshmen and continuing students. Please visit the noted Internet sites for the most current information on each program.

S.C. LIFE Scholarship –
wwwche400.state.sc.us/web/Student/LIFE/LIFEhome.html
S.C. Palmetto Fellows Scholarship –
wwwche400.state.sc.us/web/Student/Palmetto%20Fellows/PFS%20home.html
S.C. Teaching Fellows Program –
wwwscctc.org/fellows.asp

Additional Scholarships
Scholarships noted in this section represent some of the unique programs available to students. The listing is intended to provide students with an idea of opportunities available. Information available on the Internet is always evolving and scholarship research for students should be an ongoing activity throughout their college experience.

Air Force ROTC Scholarships
The Air Force ROTC program provides full-tuition scholarships for qualified students in their junior and senior year. Scholarship recipients are limited to students with superior academic records who have been previously accepted for enrollment in the Air Force ROTC programs at Charleston Southern University. Students who accept an Air Force ROTC scholarship are required to successfully complete at least one quarter/semester of college instruction in a "major" Indo-European or Asian language as defined by the Department of Languages. Textbook fees, a $150 monthly stipend, and other reasonable fees are also paid. For additional information, contact the professor of Aerospace Studies at Charleston Southern University at (843) 863-7144.

Lucille Parrish Ward Veterans Award –
wwwnfmc-music.org
Talbots Women's Scholarship Fund –
wwwtalbots.com/about/scholar/scholar.asp
U.S. Department of Justice Police Corps Scholarship –
wwwopj.usdoj.gov/opfloor
U.S.A. Education/USA Funds Scholarship Program –
wwwiredscholar.com/usaunds

Additional Sources of Assistance

Alternative Loan Programs
The availability of alternative loans has increased greatly in recent years due to demand from students and parents. Programs are very competitive and accessible. Time spent researching different alternative loan programs ensures that students find loans that meet their specific needs. The information below is a partial listing of available student loan services available to students and parents.

American Education Services –
wwwaeasuccess.org
Bank of America GATE Education Loans –
wwwgateloan.com/students/studentscollege
Bank of America Student Banking –
wwwbankofamerica.com/studentbanking
College of Charleston Citistates Loans –
wwwstudentloan.com/schools/cofc/affinity.asp
Nellie Mae Loans –
wwwnelliemaes.org
P.L.A.T.O. –
wwwplato.org
Sallie Mae Financial Services –
wwwallsalliemae.com
Teri Alternative Loan –
wwwteri.org
Wells Fargo Student Financial Services –
wwwwellsfargo.com/per/accounts/student

Commission for the Blind – State of South Carolina
Students who are legally blind or vision impaired may qualify for Vocational Rehabilitation benefits. Information may be obtained from the South Carolina Commission for the Blind and the Department of Vocational Rehabilitation, P.O. Box 4945, 301 Landmark Center, Columbia, S.C. 29240.

Emergency Loan Fund
The Bernard M. Baruch Emergency Loan Fund was established in 1939 and is available to upperclassmen that experience expenses due to an unanticipated emergency situation. Loans are made on a 30-day basis and must be repaid within that time to avoid interest charges. Loan approval depends upon the availability of funds. Students should meet with a counselor in the Office of Financial Assistance and Veterans Affairs to discuss circumstances causing the emergency situation.

Installment Payment Plan
The College offers an installment plan that allows the student/parents to pay tuition and fees, room, and board in four equal installments per semester. Information about this option may be obtained by contacting the Office of the Treasurer. This service is available after any financial assistance has been applied to the student's bill.

Job Location and Development Program
Portions of federal funds are set aside to operate and maintain the Job Location and Development (JLD) program. The purpose of this program is to assist students in locating part-time jobs both on and off campus. The Student Employment Coordinator, located in the Office of Career Services, is available to assist students who have Federal Work Study awards and students with no work study award. The operation of this program allows all students to take advantage of employment to help with expenses while obtaining valuable work experience. A job posting board advertising local job openings can be found in the Office of Career Services and is updated weekly with new opportunities. Career counseling, testing, and job search assistance is also available. The use of this service is free and available to all College of Charleston students.

Out-of-State Students
Grants may be available through your home state. Students should check with their home state higher education agencies for sources.

South Carolina Teacher Loan Program
Residents of the State of South Carolina who plan to enter the teaching profession in the public school system and who are seeking their first certification may apply to the program. The loan is not need based and can be forgiven at the rate of 20 percent per year of teaching service in a critical need area. Applications are generally available in the spring for the upcoming academic year and must be picked up at the Office of Financial Assistance and Veterans Affairs. You may obtain more information on the Internet at www.sclt.sc.edu/parentstuds/teacherloan.htm.

Veterans Benefits
A wide range of Veterans Benefits are available to those who have served their country as well as to their dependents. Contact the Department of Veterans Affairs at (888) 442-4551 to discuss eligibil
ity. Students receiving Veterans Benefits must verify enrollment each semester with the Veterans Affairs coordinator in the Office of Financial Assistance and Veterans Affairs.

Vocational Rehabilitation -- State of South Carolina
Undergraduate students who are physically handicapped or otherwise disabled may qualify for vocational rehabilitation benefits. Information may be obtained from the Department of Vocational Rehabilitation, PO. Box 4945, 301 Landmark Center, Columbia, S.C. 29240.

Academic Policies

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 Campus Resources 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 core curriculum 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 the department of the major (or for interdisciplinary majors such as urban studies, all courses in the area of concentration).

3. Earned a total of 122 semester hours of credit, 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 semester 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-hour minimum needed for the degree nor do they count toward the GPA. No more than eight hours of physical education and health (PEHDD) 100-level courses may be counted as part of this minimum.

NOTE: All dance courses are counted in the eight hours.

The senior year of work for the degree must be completed in residence at the College of Charleston. However, candidates who have taken more than 60 credit hours at the College of Charleston may complete up to seven, but not more than seven, of their final 37 hours at another institution, with prior permission of the Office of Undergraduate Studies and the chair of the department of their major.

Students with continuous enrollment have the option of fulfilling all the graduation requirements from the Undergraduate Catalog under which they entered the college or all the requirements from any subsequent catalog. Students who withdraw and then return to the college must follow the graduation requirements from the Undergraduate Catalog under which they are re-admitted or any subsequent catalog, provided the student maintains continuous enrollment.

Artium Baccalaureatus (A.B)

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

- ARTH 345 Greek and Roman Art
- CLAS 101 Greek Civilization
- CLAS 102 Roman Civilization
- CLAS 103 Classical Mythology
- CLAS 121 Classical Greece (travel course)

CLAS 122 Bronze Age Greece (travel course)
CLAS 242 Images of Women in Classical Antiquity
CLAS 253 Ancient Epic
CLAS 254 Classical Drama: Tragedy
CLAS 255 Classical Drama: Comedy
CLAS 256 Satire
CLAS 270 Romans in Cinema
HIST 230 Ancient Egypt and Mesopotamia
HIST 231 Ancient Greece
HIST 232 Ancient Rome
HIST 236 Minoan Civilization
PHIL 220 History of Ancient Philosophy

NOTES: The registrar as well as the languages department maintains a list of courses which can be used to satisfy this requirement.

Classics majors should refer to the Division of Languages section of this catalogue for AB degree requirements.

The student must have earned a grade point ratio of 2.5 or higher in the courses used to satisfy the classical languages and classical civilization requirements.

The Major Requirements

By the second semester of the sophomore year each student must declare a major through the office of the department of that major. Since the major department must advise the student concerning post-sophomore courses, the declaration of major should be accomplished before the student is enrolled as a junior. Failure to do so may result in a delay of graduation.

A major program requires at least 24 semester hours in one department. No major program, including interdepartmental programs but excluding business administration and accounting due to accreditation requirements, requires more than 43 semester hours in the major area. Every department, except those within the School of Business & Economics, that offers a major requiring more than 36 hours also offers a major of not more than 36 hours for the student's choice. Within these minimum and maximum limitations each department specifies the number of hours in its major program or programs, and in some instances specifies the actual courses required. At least 15 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, both majors will be listed on the diploma. If the two majors are in different degree categories (BS, BA, AB) the student must pay an extra fee at the treasurer's office to have the second diploma printed. All majors completed will be recorded on the transcript.
Concentrations and Minors

A 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). Either program must include a minimum of 18 hours selected from a formally designated group. At least nine 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 the courses which comprise it. Credit may be received for up to two concentrations or minors, and courses used to satisfy the requirements of one may not be applied toward a second. These courses may be selected from a single department or from several, and interdisciplinary courses may be included. Students must enroll formally with the specific coordinator or department chair for each program in order to have the transcript reflect credit for work done in a concentration or minor.

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 semester hours must include the following:

- **English:** six semester hours: ENGL 101 and 102
  (A degree candidate must enroll in ENGL 101 or 102 each semester until the English requirement has been fulfilled.)

- **History:** six semester hours: complete HIST 101 and 102 or complete HIST 103 and 104. Both must be taken in sequence.

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

- **Mathematics or Logic:** six semester hours in either mathematics or logic. (This requirement may not be met by a combination of course work in mathematics and logic.)

Foreign Languages, Classical or Modern:

0-12 semester hours: satisfactory completion of course work through the intermediate level or demonstration of proficiency at that level by approved examination.

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.

Social Science: six semester hours from one or two of the following: anthropology, economics, political science, psychology, or sociology.

Humanities: 12 semester hours from the following eight areas with no more than six semester 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. Theater (not courses in practice or performance of theater)
6. History (excluding the classes used to satisfy the general education history requirement)
7. Philosophy (excluding 215 and 216).

Certain interdisciplinary courses in the Honors Program and in American studies and women's studies may also be applied to the humanities requirement. Questions should be addressed to the directors of these programs. For a listing of humanities courses visit the world wide web: http://www.cofc.edu/~oncourse/humanity.htm

Academic Regulations

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 instruct the registrar to record 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 provide written notification to the registrar on or before the last meeting day of the class. The registrar will then send a courtesy copy of the notice to the student. The student is responsible for keeping addresses current through the Office of the Registrar.

If students who participate in athletic competitions or other College-sponsored events want to be assured that they are in compliance with the faculty member's 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 the work in any course is measured in units called semester hours. The semester-hour value of most courses is the same as the number of hours per week that the course meets during the fall or spring semester. However, three hours a week of required laboratory work have a credit value of only one semester hour.

Full-Time Status

Students at the College are considered full time if they are registered for 12 or more hours and are paying full tuition. However, it should be noted that an academic schedule of only 12 hours is not sufficient to allow a student to graduate within four calendar years, without attending summer school.

Auditing Courses

Permission to audit a regular academic course must be received from the instructor teaching the course. This authorization will be given after late registration has been completed and only if there is a seat available in the class. An audit must be declared through 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.

**NOTE:** No audits are permitted in studio courses.

The Grading System

Grades are available on Cougar Trail on the Web. Grades on Cougar Trail on the Web are available at access stations across campus or on the Web at: http://cougartrail.cofc.edu
Grades will not be mailed automatically. However, if students prefer to have final grades mailed to their permanent addresses, they may do so by completing a grade mailing request form in the registrar’s office. This request must be completed before the last day of classes each semester.

For a complete academic record of their grades, students may request an academic transcript from the Office of the Registrar, or they may view their unofficial transcript on CougarTrail on the Web.

Students receive letter grades for every course in which they enroll. Each letter grade has a numerical “quality point value,” as follows:

<table>
<thead>
<tr>
<th>Letter</th>
<th>Grade</th>
<th>Quality Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Superior</td>
<td>4.00</td>
</tr>
<tr>
<td>B+</td>
<td>Very Good</td>
<td>3.50</td>
</tr>
<tr>
<td>B</td>
<td>Good</td>
<td>3.00</td>
</tr>
<tr>
<td>C+</td>
<td>Fair</td>
<td>2.50</td>
</tr>
<tr>
<td>C</td>
<td>Acceptable</td>
<td>2.00</td>
</tr>
<tr>
<td>D</td>
<td>Barely Acceptable, Passing</td>
<td>1.00</td>
</tr>
<tr>
<td>F</td>
<td>Failure</td>
<td>0.0</td>
</tr>
<tr>
<td>WA</td>
<td>Withdrawn Excessive Absences (equivalent to an F)</td>
<td>0.0</td>
</tr>
</tbody>
</table>

**Grade Status Indicator**

- I: Incomplete
- IP: In progress
- W: Withdrawn
- P: Passed
- NP: Not Passed
- X: Absent from final exam
- NR: No grade reported
- AU: Audit
- 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.” Exceptions must be approved in advance by the faculty member and the dean of Undergraduate Studies.

An “I” may be assigned for courses that overlap terms. Any bachelor’s essay independent studies 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. International study is also eligible for “IPs.” An “IP” should not be assigned to students who have failed to complete coursework within a standard course. “IPs” are not changed to “Fs” after 60 days.

A “CP” indicates that a student has completed a program such as international study, an internship, or a College of Charleston co-op. The grade status indicator of “CP” carries no quality points, quality hours or earned hours.

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

An “AU” indicates that the student is auditing. Audited coursework carries no quality points, quality hours and no earned hours, but carries full fees and tuition.

The status indicator “NR” indicates the faculty member had not reported a grade at the time of normal grade processing.

Effective August 2006 the grading system will be replaced by the following system with quality values as indicated:

<table>
<thead>
<tr>
<th>Letter</th>
<th>Grade</th>
<th>Quality Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Superior</td>
<td>4.0</td>
</tr>
<tr>
<td>A-</td>
<td>Superior</td>
<td>3.7</td>
</tr>
<tr>
<td>B+</td>
<td>Good</td>
<td>3.3</td>
</tr>
<tr>
<td>B</td>
<td>Good</td>
<td>3.0</td>
</tr>
<tr>
<td>B-</td>
<td>Good</td>
<td>2.7</td>
</tr>
<tr>
<td>C+</td>
<td>Acceptable</td>
<td>2.3</td>
</tr>
<tr>
<td>C</td>
<td>Acceptable</td>
<td>2.0</td>
</tr>
<tr>
<td>C-</td>
<td>Acceptable</td>
<td>1.7</td>
</tr>
<tr>
<td>D+</td>
<td>Barely Acceptable, Passing</td>
<td>1.3</td>
</tr>
<tr>
<td>D</td>
<td>Barely Acceptable, Passing</td>
<td>1.0</td>
</tr>
<tr>
<td>D-</td>
<td>Barely Acceptable, Passing</td>
<td>0.7</td>
</tr>
<tr>
<td>F</td>
<td>Failure</td>
<td>0.0</td>
</tr>
<tr>
<td>WA</td>
<td>Withdrawn Excessive Absences (equivalent to an F)</td>
<td>0.0</td>
</tr>
</tbody>
</table>

**Final Examinations**

Examinations must be taken at the time scheduled (refer to the appropriate copy of “course information” or go to the Web at www.cofc.edu/undergrad/exam) except when:
1. Two or more exams are scheduled simultaneously.
2. The student has three or more examinations within a 24-hour period.
3. Permission to reschedule one exam may be obtained from the Office of Undergraduate Studies with written permission of the instructor and must be obtained prior to the first day of the exam period.

If a student is absent from a final examination, the temporary mark of “X” may be assigned. Not a grade, the “X” reverts to an “F” within 48 hours unless an excused absence has been granted by a dean in the Office of Undergraduate Studies.

The dean will grant an excused absence if the student has documented illness on the day of the examination or if documentable extenuating circumstances prevented the student’s presence at the examination. When an excused absence has been granted, the “X” is changed to an “F.” An excused absence entitles the student to a make-up examination, which will be held as soon as possible. Any student who has not been granted an excused absence will fail the course and will be able to obtain credit only by repeating the course and earning a passing grade.

**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” level or above. A grade of pass (“P”) will count toward graduation but will carry no grade points and will not be used in computing the GPA. 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 form.
petition, and no change may be made after the 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 a course before the official withdrawal date of the semester (see “academic calendar”) providing they do so through a formal process. Students may withdraw from individual classes or labs through Cougar Trail on the Web. A grade of “W” will be entered on their record.

Students may petition for withdrawal after the official date through the Office of Undergraduate Studies. After that date, students may withdraw from a course with the grade of “W” only with the special permission of the dean of Undergraduate Studies and the professor. This permission will be granted only if continued enrollment in the course would be detrimental to the student's health or if extenuating circumstances prevent the student’s continued enrollment.

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

Under this policy, students may elect to repeat up to 12 credit hours of passed coursework excluding:

1. Prerequisite courses for passed courses.
2. Courses which have catalog restrictions due to duplication of subject material.

A passed course may be repeated only once regardless of the outcome. Repetition of previously passed courses will not increase the number of transcript credits. (A student will receive credit once for any course passed twice.) All grades will be recorded on the transcript, and repeated courses will be so designated to distinguish them from other courses. Repeated course grade points will not be used to calculate honors at graduation.

Grades for repeated, previously passed courses will be averaged in the cumulative GPA unless specifically requested by the student during registration. Any student who does not want the grade for a repeated, previously passed course averaged must complete a form available in the Office of the Registrar during registration.

Students may repeat any course they have previously failed. The grade earned in the repeated course and the failing grade will both be computed in the student’s grade point average.

Scholarship students (academic and athletic), financial aid students, and veterans may repeat courses under this policy. In most cases, however, credits from repeated courses previously passed will not be used to satisfy minimum hour requirements for maintaining eligibility.

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 a dean in Undergraduate Studies. 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 may take one course only during Maymester. Students may take no more than two courses concurrently during any of the other summer terms without special permission from the Office of Undergraduate Studies.

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 semester 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 semester 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 semester hours would have a cumulative GPA of 2.0.

Courses Numbered 100 or Below

Hours of credit may be awarded for the successful completion of these courses. However, grades earned in these courses are not included in the GPA, and the credit hours earned for these courses are not applied toward the 122 total hours required for graduation.

NOTE: PEHD 100 is an exception.

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 jeopardized. The conditions of probation are intended to provide for counseling and enrollment in Learning Strategies 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.

Academic Probation Standards

<table>
<thead>
<tr>
<th>Credits earned</th>
<th>GPA required</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-19</td>
<td>1.50</td>
</tr>
<tr>
<td>20-59</td>
<td>1.80</td>
</tr>
<tr>
<td>60 and up</td>
<td>2.00</td>
</tr>
</tbody>
</table>

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. A student on academic probation must do two things:

1. Make up the GPA deficiency in the next 15 credit hours attempted (It is recommended that not all 15 credits be attempted together.)

2. Enroll in EDLS 100 Learning Strategies during the next fall or spring semester. EDLS 100 is not counted toward the 15 credits above.

If, at the end of the fall or spring semester during or after which the 15th credit hour is completed, the student’s cumulative GPA is not at or above the grade
Withdrawal from the College

Students may decide to withdraw from the College for a variety of reasons. In order to protect the integrity of the transcript and ensure that the record on file at the College is in order, any student who is considering a withdrawal should visit the Office of Undergraduate Studies to officially withdraw rather than merely drop out. An accurate student record will be especially important if the student decides to return to the college or transfer to another college. If there are approved documented extenuating circumstances, a student may obtain an involuntary withdrawal or emergency leave from all courses with the approval of the Office of Undergraduate Studies and the student's professors. A student who is granted an involuntary withdrawal from all courses may reenter the following semester without applying for readmission.

When a student withdraws from the college, grades for the courses affected will be assigned according to the regulations stated under “withdrawal from courses.”

Before a student officially withdraws, appropriate arrangements must be made with the Offices of the Treasurer, Financial Assistance, and Residence Life to ensure that all obligations to the College have been satisfied.

Leave of Absence

All requests for leaves of absence must be addressed to a dean of Undergraduate Studies. Students participating in exchange programs with other universities may have leave status approved through the Office of International Education and Programs. When official leave is granted, students need not apply for readmission. However, students should notify the Office of the Registrar at the time of registration that they are returning from leave.

Leaves for periods of time up to one year are normally granted prior to the “W” date in the semester. For students having a GPA of 2.0 or better, a written request filed with Undergraduate Studies will normally be approved. For students having a GPA less than 2.0, a request should be addressed to a dean of Undergraduate Studies for possible approval. This request should be in writing and should explain the circumstances. Appropriate documentation should accompany the request.

Leaves presented after the “W” date should be addressed to a dean of Undergraduate Studies for possible approval. These requests should be in writing and should explain the circumstances. Appropriate documentation should accompany the request.

NOTE: If an unofficial leave of absence is taken, a student will have to reapply through the Office of Admissions, be charged another admission and matriculation fee, and the student will also have to register through academic orientation upon returning to the College.

Three-Year Transfer Option

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 upon completion of 15 semester hours earned after their return. Previous work at the college will remain on the students’ permanent records; however, only course work completed since readmission will be used to calculate their cumulative GPA. Students choosing this option should request it in writing to the Office of Undergraduate Studies once the 15 semester hours are completed.

NOTE: Students who choose to apply the three-year transfer option to their record should be aware that any “D” course work done prior to readmission will not count toward graduation. For the purpose of calculating GPA for graduation with honors, all course work taken at the College of Charleston will be included in that calculation.

Readmission of Students Dismissed for Academic Deficiency

Students who have been dismissed once for academic deficiency may apply for readmission only after the lapse of two semesters (for this purpose, the 10-week summer session is considered one semester). Students who have been dismissed twice for academic deficiency may apply for readmission only after the lapse of three calendar years from the second dismissal.

Additional information and letters of recommendation may be required from some applicants. Please refer to “admissions” section of this catalog.

Those applicants who are readmitted to the College will be required to attend a full-day workshop before re-enrollment to make sure that they understand the retention and graduation standards they will be required to meet. The workshop will include academic advising and registration in classes.

Credits earned at another institution during a dismissed student’s period of ineligibility will not be accepted toward a degree at the College of Charleston.

Confidentiality of Student Records

The Family Educational Rights and Privacy Act of 1974 is a federal law designed to provide students with greater access to and control over information contained in their educational records while at the same time protecting, in most circumstances, the release of any information (other than directory information) contained in those educational records without expressed and written consent of the student. This law guarantees privacy of student records, open access by students to their records, restricted release of information to specified authorities or others only with written consent, and procedures allowing students to challenge the contents of their records. Forms necessary for release of information or restriction of directory information are provided by the Office of the Registrar.

Graduation, Class Rank and Graduation Requirements

Advancement to sophomore rank requires credit of at least 30 semester hours; to junior rank, 60 semester hours; to senior rank, 90 semester hours. Students may not advance to junior rank until their major has been declared.

A minimum of 122 semester hours of credit is required for graduation. In order to graduate, all students must earn at least two quality points for every quality hour at the College of Charleston, i.e., a grade point average (GPA) of at least 2.0. In addition, students must maintain a grade point average of at least 2.0 for all courses taken in the major department unless stated otherwise in the catalog description of the major. In an interdisciplinary major, such as urban studies, courses in the major department include all of the courses taken in the student’s area of concentration. (See “degree requirements” for statement on student responsibility.)

Application for Graduation and Degree Audit

E-mail reminders will be sent out automatically to students at their college-assigned e-mail addresses early in the second semester of their junior year. The e-mail will include a link to Cougar Trail on
the Web and to the graduation coordinator in the registrar's office. Students should check their On Course degree audit and their personal information screen on the web to make sure their information is correct. All students are issued College of Charleston email accounts and are expected to read their email routinely. Students may choose to forward their email to other email accounts.

Students can obtain a printed copy of their On Course degree audit by using Cougar Trail on the web. After printing the On Course degree Web audit, they should review the audit with their academic advisor and report any discrepancies to 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. It is dynamic and changes as students 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.

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

A degree candidate at the College of Charleston who wishes to receive College of Charleston credit for courses at another institution not within the Charleston higher education affiliation should follow the procedure outlined below before registering for the courses:

1. Secure and complete the appropriate coursework elsewhere forms from the Office of Undergraduate Studies.
2. Check the transfer course inventory in Undergraduate Studies. If the course is not in the transfer course inventory indicating prior approval, then:
3. Using a course description from a current catalog of the institution where work is to be done, secure the signature of the chair of the equivalent departments at the College of Charleston for which course credit is being petitioned.
4. Submit a completed form to the Office of Undergraduate Studies for consideration.

Coursework completed at other institutions must have a minimum grade of "C" or its equivalent. Credits awarded as a result of placement testing are not acceptable. 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" to the "pass" grade.

The deans may consult with the registrar and may refer the request to the Faculty Academic Standards Committee. The institution the student wishes to attend must be fully accredited. College of Charleston credit will be awarded for the courses taken only if those courses are ones receiving credit toward graduation in the other college or university conducting the instruction. In order to ensure that the courses will be accepted at the College of Charleston for transfer credit, they must be approved before actual enrollment. Acceptance of credit for an approved course will become final only when the registrar of the College of Charleston receives an official transcript of the student's record from the institution where the course was taken. Credits will be awarded based upon actual credits earned, with grades of "C" or better.

For study abroad, the International Student Exchange Program, and the National Student Exchange Program, the determination in advance that credit may be awarded will be made by the College academic department concerned in consultation with the student. For this purpose, the coursework elsewhere form is available from the Office of International Education and Programs.

Independent Study Courses

An independent study course is an individually-supervised, upper-level course, which offers a student the opportunity for intense study in a specific area of interest. These courses are primarily intended for juniors and seniors who have received departmental approval. Students must complete an application for independent study form (available in the department office), include a description of the intended project, obtain the signatures of the project supervisor and department chair, and submit a copy of the approved form to the department secretary prior to or during registration.

Second Bachelor's Degrees

A second degree in another degree category (BA, BS, AB) may be earned by a former graduate of the College of Charleston. The second degree earned will be noted on the graduate's transcript. A second diploma may be requested by the student when s/he applies to graduate. Students who elect to receive a second diploma will need to pay an additional fee at the treasurer's office.

For the former graduate, only the additional courses needed to complete the desired degree requirements must be taken. These requirements are established in the Undergraduate Catalog in effect when the student last entered degree-seeking status provided that the student maintained continuous enrollment until the completion of all degree requirements. The second major must be formally declared in the departmental office of the intended major. Readmission into degree-seeking status after graduation is accomplished through the Office of Admissions.

A transfer student with a previously earned bachelor's degree from another institution may earn a second bachelor's degree at the College of Charleston. The student must complete all degree requirements stated in the Undergraduate Catalog in effect when the student enters degree-seeking status at the College. The student maintains continuous enrollment until the granting of the degree at the College. If enrollment is interrupted without a leave of absence, the student must complete all degree requirements stated in the Undergraduate Catalog in effect when the student last enters degree-seeking status at the College. A minimum of 30 semester hours must be taken at the College of Charleston with at least 15 taken in the major field at the 200 level or above. Upon completion of all requirements, a notation will be made on the transcript that the degree requirements have been met. Both concentrations and minors will be shown on the student's transcript. If desired, upon completion of a degree audit with the registrar and payment of the fee, a diploma may be awarded.

Graduation with Honors

Students who earn a grade point average of 3.950 to 4.000 will graduate summa cum laude. Students who earn a grade point average of 3.800 to 3.949 will graduate magna cum laude. Students who earn a grade point average of 3.600 to 3.799 will graduate cum laude. To be eligible for graduation with honors, at least 62 hours of course work to be applied to the degree must have been completed at the College of Charleston. For the purpose of calculating GPA for graduation with honors, all course work 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 semester 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, the 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 semester hours of credit. Bachelor’s essays are catalogued and retained in the collection of the college library.

College Graduation Awards

High scholarship and exceptional achievement in extra-curricular 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.

Faculty Honors List

After the end of each semester, the Office of the President publishes the faculty honors list. Students are named to this list who were enrolled in and completed at least 14 semester hours and who earned a GPA of 3.80 (highly distinguished) or 3.60 (distinguished). In neither case may there be a grade lower than “C” or an “I” (Incomplete).

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.

Campus Resources

Academic Advising

(843) 953-5981
advising@cofc.edu

The Center for Academic Advising provides advising for students until they declare a major. Advising for students who have been approved for SNAP (Special Needs Advising Plan) Services is also provided through the center. Advisors are available throughout the semester on a walk-in or appointment basis.

Educational Services / Assessment and Planning

(843) 953-7751
oes@cofc.edu

The Office of Educational Services (OES) provides campus leadership on various special projects and courses. OES coordinates Freshman Seminar (FRSR 101), a course that is designed to aid incoming freshmen in making a successful transition from high school to college, and also Learning Strategies (EDLS 100), a course which focuses on providing strategies and skills for becoming a more proficient and efficient learner.

The Office of Assessment and Planning is responsible for coordinating the SACS accreditation review, college-wide assessment and planning, and other special projects for the provost and academic affairs. Among these projects is the Records and Information Planning Committee (RIPC), a cross-divisional team that problem-solves technology issues related to making the Student Information System (SIS) more responsive to the academics of the institution.

New Student Programs

843-953-2017
www.cofc.edu/~orientat
orientat@cofc.edu

The Office of New Student Programs assists all new students and their families with the transition to the collegiate environment by offering programs and services that support and encourage the development of academic and personal goals that contribute to success.

New Student and Family Orientation Programs

A two-day orientation program for new students is offered five times during the summer months and in January. Family orientation is offered during the summer orientation sessions, but not in January. Attendance is required of all students; it is optional for family members. Orientation provides opportunities to take necessary placement tests, attend various interest sessions, meet other new students, receive academic advising and register for courses.

Once a student is admitted to the College, information is mailed to the student who should then make reservations to attend an orientation session.

The Provisional Program

Students selected to participate in this program sign a provisional contract outlining specific requirements that must be met during the academic year. These requirements include taking Freshman Seminar, limiting work hours, and using sources of academic support provided through a campus-wide network of resources.

Successful Transition through Educational Planning (STEP) Workshop

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

Center for Disability Services (CDS)

(843) 953-1431
TDD: (843) 953-8284

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

Services for Students with Learning Disabilities, ADD/HD, Physical or Psychological Disabilities

SNAP (Special Needs Advising Plan) Services, one of the reporting units within CDS, provides assistance and guidance to students with a documented learning disability, attention deficit disorder, physical or psychological disability to ensure equal access to all programs and services of the College. A student may submit an appeal or grievance (see “Student Grievance Procedures” in the Student Handbook) if
he or she has not been accommodated in accordance with his or her special needs.

Services Provided

SNAP advisors can provide assistance with the application process (see SNAP website or call SNAP office) and documentation review. The SNAP office can also provide referrals to independent, licensed testing and evaluating clinics. Once a student with a documented disability is approved for services, SNAP can provide:

- Special advising and registration.
- Reasonable accommodations specific to the individual need based on the medical or psychoeducational assessment.
- Communication with professors, upon request, to heighten their awareness to individual student needs and to identify reasonable accommodations.
- Assistive technology (i.e. WYNN Reader, Dragon Naturally Speaking Pro 4, JAWS, etc.).
- Alternatives to foreign language and math/logic requirements if the need is documented. Please note: If math is considered an essential component of a major, alternatives to math/logic may not be used.

NOTE: Attendee care is not provided and is the financial responsibility of the student.

Students with Disabilities: Policy & Procedures

The College of Charleston and The Graduate School actively and affirmatively seek to accommodate any currently enrolled student with a certified disability.

It is the responsibility of the student to:

1. Meet the admission requirements and maintain the academic standards of the College.
2. Provide adequate evidence of the disability based on established criteria. (Guidelines for these criteria may be obtained from SNAP (Special Needs Advising Plan) Services.
3. Apply and be approved for SNAP Services.
4. Request an accommodation in a reasonable time in advance of situations for which it is necessary.
5. Properly appeal an accommodation if he or she believes the accommodation is not adequate.

It is the responsibility of the instructor to:

1. Provide and administer appropriate accommodation.
2. Justify the proposed accommodation (or the denial of an accommodation) if appealed by the student.
3. Suggest alternatives or negotiate accommodations with the student and/or a SNAP administrator if the recommended accommodations are unacceptable.

It is the responsibility of the college and university to:

1. Provide information to the faculty about types of disabilities and the availability of services.
2. Review documentation provided as evidence of disability.
3. Provide suggestions for accommodations.
4. Educate faculty and students about disabilities through teaching seminars and electronic communication.
5. Arbitrate appeals.

Summary of Procedures

Reasonable accommodations in the classroom/appeal process

1. Students must apply to SNAP Services, submit the required documentation of test results, and be approved for SNAP services to be eligible for accommodation. Students who are not registered with SNAP Services but are seeking special accommodation should be immediately referred by the professor to SNAP. Students are not entitled to accommodations prior to SNAP approval.

Accommodation will not be granted retroactively.

2. When a SNAP student approaches an instructor and requests accommodation, the instructor may ask the student to provide a letter from SNAP Services certifying his or her SNAP status and approved accommodations. Requests for accommodation should be made no later than one week before needed to allow instructors time to arrange the logistics of the accommodation.

3. The instructor will decide (with the advice of SNAP personnel if requested) what accommodation will be made available. If the student objects to the accommodation, the decision may be appealed. Appeals are initially handled by SNAP personnel. If an agreement cannot be reached within two working days, a formal grievance should be filed (see “Student Grievance Procedures” in the Student Handbook).

Alternative Courses for Core Requirements

1. A list of alternative courses for the math/logic and foreign language requirements is available through SNAP for students approved for alternative courses. If the alternative course is not a reasonable accommodation for the student’s particular disability or involves skills which are affected by another disability, the student may apply for additional accommodation via other alternatives. SNAP personnel will recommend other alternatives or accommodations subject to the approval of the Academic Standards Committee.

2. Courses that are approved as alternatives for SNAP students often have higher concentrations of students with learning disabilities than courses not on the alternative list. To assist instructors of these courses, as well as any interested faculty, SNAP Services provides a web site as well as periodic faculty seminars. The website is: www.snap.rcsu.edu.

SNAP Status Appeal Process

Students whose petitions for SNAP status (entitling them to specific accommodations in the classroom) are denied may appeal the decision in writing to the Faculty Committee on Academic Standards within five days of the decision. The committee will first determine if there is sufficient evidence for a hearing by the full Faculty Committee on Academic Standards based on additional information or breach of due process. If so, a hearing with appropriate due process guarantees will be provided, and the decision on the appeal will be final.

Human Relations and Minority Affairs

(843) 953-5580

The Office of Human Relations and Minority Affairs addresses the educational and employment needs of individuals and groups who occupy minority status at the College and assures complete access to the college for women, minorities, and the disabled. This effort is in compliance with all federal and state laws, including Titles VI and VII of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, sections 503 and 504 of the Rehabilitation Act of 1973, the Age Discrimination Act of 1975 as amended, The Americans with Disabilities Act, and all other pertinent laws as they pertain to equal opportunity.

As a resource for the special concerns of women, minorities, and the disabled, the Office of Human Relations and Minority Affairs identifies problem areas, recommends remedial or supportive activities...
to persons in authority and supports programs of interest to this constituency in the College community and on the local, state, and national levels.

In order to establish equal opportunity for all persons, the Office of Human Relations and Minority Affairs ensures immediate response to complaints of discrimination based on sex, race, religion, national origin, creed, disability, and age by students, employees, and/or applicants for employment and admission. The vice president for human relations and minority affairs is responsible for coordinating the grievance procedures under the Affirmative Action Program and federal equal opportunity guidelines. The vice president also coordinates the activities sponsored under the College's diversity efforts.

**Intercultural Programs**

(843) 953-5660
www.cofc.edu/∼oip/

**Academic Services for Minority Students**

The Office of Intercultural Programs coordinates the campus-wide plan for the retention of African American, Asian, Native Hawaiian or Pacific Islander, Hispanic/Latino and Native American or Alaskan Native heritage and other minority students. A network of programs and services is designed to enhance and support the students' academic as well as extra-curricular accomplishments. The staff is committed to providing campus education and programming for diversity.

Our mission is to develop new initiatives and complement existing programs which enhance the holistic development of minority students. The OIP staff works cooperatively with students, faculty, and staff to develop programs which assist students from admission to graduation. As a member of the College of Charleston family and the greater community we work cooperatively to create a welcoming campus climate which fosters academic success and the recruitment and retention of a diverse and inclusive student body and future workforce.

Some of the programs and services include:

- SCAMP (see School of Sciences and Mathematics section of the catalog)
- Supplemental tutorial services
- L.I.N.K.S. (peer mentoring)
- SPECTRA — the retention program designed to assist incoming minority students with making a smooth transition from high school to college.

**International Education and Programs**

(843) 953-7661

**Study and Travel Abroad**

The College of Charleston encourages students to prepare themselves for a role in an increasingly interdependent world through exposure to formal study with an international/intercultural content and, where possible, to an extended overseas learning experience.

In addition to developing language skills and acquiring first-hand knowledge of the customs and cultural heritage of other peoples, students frequently gain new perspectives on their own lives when studying and living abroad.

Programs for study abroad are available through the College of Charleston, a variety of other educational institutions and special agencies:

**College of Charleston in Spain, Chile, and France**

The College operates its own semester-long and short-term summer study abroad programs in Trujillo, Spain, in the Extremadura Region. Language courses, as well as courses in other disciplines, are offered in an immersion context of homestays in a small town environment. Trujillo is an historic community of 10,000 people. Historic preservation has protected the old walled city, providing a wonderful backdrop for a study abroad experience.

In addition, the College has a bilateral agreement for student and faculty exchanges and joint programs with the Universidad de Extremadura, one campus of which is at Caceres, 40 kilometers from Trujillo. The college is also a member of APUNE, the Association of North American Programs in Spain.

The College operates a full fall semester program in Santiago, Chile, based at the Universidad Diego Portales. Students are able to take courses in Spanish and other subjects. Like Trujillo in Spain, students in Chile stay with families and enjoy the benefits of an immersion program.

The College offers students fall and spring semester-long programs in the town of Annecy in Haute Provence in France. Located near Nice, the semester in France offers an excellent opportunity for French language acquisition and for earning general education requirements.

Normal tuition and fees apply to these programs. Each has an additional program fee which covers the cost of transportation, room and board, and travel while on the program. Financial aid and scholarships will normally apply to these programs.

**College of Charleston Maymester and Summer Sessions**

Each year during Maymester and summer school sessions, the College of Charleston offers several study abroad programs designed and conducted by members of the college faculty to provide unique learning opportunities for students and members of the community. The Office of International Education should be contacted for details of upcoming programs.

**Bilateral Exchanges**

The College of Charleston has several direct bilateral agreements with institutions overseas.

- Northampton University College, England
- University of Groningen, The Netherlands
- Catholic University of Lille, France
- EuroAmerican Institute of Technology, Sophia, Antipolis, France
- Université de Versailles/Saint-Quentin
- Kansai-Gaidai, Osaka, Japan
- Universidad de Extremadura, Spain
- University of Tubingen, Germany
- Yonsei University, South Korea
- Hogeschool van Utrecht, Holland
- University of Linz, Austria
- University of Vienna, Austria
- University of Mainz, Germany
- Bath Spa University College, England
- Jonkoping University, Sweden

In general, these exchanges all operate under similar criteria. They are as follows:

1. The College of Charleston's bilateral exchanges are based on a balanced one-to-one exchange of students.
2. Only full-time students who have normally completed at least one academic year at the college, and have maintained a GPA of at least 2.75 - 3.0 (depending on program) are eligible. In some cases, prior study of the country's language is required.
3. Costs are set by the College of Charleston based on the usual tuition, fees, room, and board here. Transportation, books, travel, insurance, and incidental expenses are not included.
4. Exchange students enroll directly in the host institution and apply pre-approved credit to their degree at the college.
5. Students may exchange for a semester or a year.
6. Students are nominated by the College of Charleston to take part in the exchange.
7. Most forms of financial aid can be applied toward a bilateral exchange.

NOTE: Students who choose a study away experience must complete the coursework elsewhere and return it to the Office of International Education and Programs. (Also see "Credit for Work at Another Institution"). Students with more than 87 earned hours at the time they study away must seek approval from the Office of International Education and Programs and chair of the major department if more than seven of the last 37 hours are taken away from the college.

The College is affiliated with the Institute of International Education (IIE), the Council on International Educational Exchange (CIEE), the American Institute of Foreign Study (AIFS), International Studies Abroad (ISA), and the NAFSA: Association of International Educators through which it offers a variety of study abroad programs.

Students contemplating study abroad are urged to consult the Office of International Education and Programs soon after enrolling at the College. The importance of developing strong language skills cannot be over-stressed. Study abroad opportunities are available to students of all majors.

Among its additional services, the Office of International Education and Programs is an authorized issuing office for the International Student Identity Card (ISIC), which maintains information on low-cost international travel and provides discounts on admissions to various attractions all over the world. The office also advises students of opportunities for graduate study abroad and work opportunities abroad.

International Students

Once international students arrive on campus, the Office of International Education and Programs provides the following services:

1. Orientation to the College of Charleston (provided in conjunction with the Office of Orientation).
2. Academic and personal advising (coordinated with the Center for Academic Advising and academic departments).
3. Visa documentation assistance.
4. Help with employment requests.
5. Advising and support for the International Club.
6. Promotion of social and cultural events, travel opportunities and other programs that might be of special interest to international students.

National Student Exchange Program

Through the NSEP, College of Charleston students can attend participating colleges within the United States up to one academic year at approximately the same cost they pay the College. There are, at present, more than 100 colleges and universities within the United States which participate in this program. Some of these schools are Rutgers in New Jersey, University of Hawaii at Hilo and Manoa, University of Massachusetts at Amherst and Boston, University of New Mexico, Colorado State, and Florida International. Approved courses will be transferred back to the College of Charleston upon successful completion.

Center for Student Learning

(843) 953-5655
www.cofc.edu/~csl

The Center for Student Learning is an academic support program for all students. Composed of accounting, foreign languages, mathematics, study skills, writing labs, and other services, the CSL provides students with individualized assistance from trained and experienced staff, faculty, and peer tutors. Students may receive tutoring on a walk-in basis or by appointment. Study groups and Supplemental Instruction sessions are available, and seminars and workshops are offered periodically throughout the semester. All services provided by the CSL are free of charge to College of Charleston students and alumni. Students may call the office or request a tutor on-line.

Services include:

- Accounting Lab
- Foreign Languages Tutoring Lab
- Math Lab
- Study Skills Lab
- Writing Lab
- Philosophy Tutoring Service
- Supplemental Instruction
- General tutorial services
- Post-graduate test preparation program for tests such as LSAT, GRE, MCAT, etc.

Career Services

(843) 953-5692
www.cofc.edu/~career

The Office of Career Services helps students gain a better understanding of themselves, provides opportunities for experience and employment in areas of interest and/or their academic program, and helps students with post-graduation planning. Students are encouraged to visit the office soon after arriving on campus to learn about the resources available.

Numerous programs and services support our efforts, including seminars and workshops on many topics; a large and active alumni career network; comprehensive resource center; administration of interest and personality inventories and the SIGI-PLUS computerized career guidance system; and career fairs.

Two areas of special note are:

Employment assistance. Employers with jobs appropriate for college students list their openings with the office. Employment includes part time (both on and off campus), summer and full time. Students looking for work should visit the office as soon as they arrive on campus.

Experiential learning programs offer students the opportunity to apply theory learned in the classroom to a work situation while exploring possible careers.

- Volunteer Service opportunities enable a student to explore a career and provide a needed community service. Volunteering is frequently the best way for freshmen and sophomores to obtain experience related to career interests, particularly in human service and communications fields.
- Internships are available in all types of organizations. They are part-time (normally 10 - 15 hours per week) paid or non-paid positions in work related to studies and career plans. Both credit and non-credit options are available. Internships for credit are only available through academic departments. Applicants must be in good academic standing to participate.
- Cooperative Education (CO-OP) is a program in which a student is selected by an employer to work full-time or part-time in a field related to either the student’s major or area of interest. It can be done on an alternating basis (a period of study followed by a period of work) or a parallel basis (work and classes at the same time). The program covers all disciplines in the curriculum and is open to students who have completed at least one semester at the College and are in good academic standing. No academic credit is awarded to participants.
- The Washington Center provides students to undertake semester-long internships in Washington, D.C. The Center’s program is open to any upperclassman at the College.
- Experiential learning courses are integral parts of the curriculum for majors in applied mathematics, education, honors, and urban studies. Some courses in political science and business administration have experiential components, and students are able to arrange an independent study in most departments. Special research projects frequently include student interns. For example, art and architecture history students have contrib-
uted to the Lowcountry Studies Project, and biology students have done research for the Center for Lowcountry Environments. For more information, contact the appropriate department.

Graduate and Professional School Information
The career services staff is able to advise students on selecting and applying to graduate and professional schools.

NOTE: Students considering graduate work also should seek advice from the appropriate faculty members.

Avery Research Center
(843) 953-7609
The Avery Research Center for African American History and Culture is an archives and museum that has been established to document, preserve, and make public the unique historical and cultural heritage of African Americans in the South Carolina Lowcountry and the state.

Robert Scott Small Library
(843) 953-5530
The Robert Scott Small Library is the main library on campus, housing books, periodicals, government documents, microtexts, and special collections in all subject areas that support the College's curriculum. The building also contains a student computing center which is maintained by academic computing. For a current list of services and resources, go to the library web page at www.cofc.edu/~library/

College of Charleston students have access to the library facilities of The Citadel, Medical University of South Carolina, Charleston Southern University, and Trident Technical College.

College Relations and Media Communications
(843) 953-8171
The Office of College Relations and Media Communications provides media support, educational technology, and creative services for students, faculty, and staff. Videotapes and interactive media are available for class use or independent viewing in the media lab. The office is responsible for Synergy, the College's instructional video access network, operates a television studio, produces instructional and informational videos and public radio, and provides special events support. College Relations provides news services including hometown news information from students so that they can provide local newspapers and media with news releases regarding student honors and accomplishments. The office also produces publications for prospective students, alumni, and others in the College community.

Student Computing Centers
(843) 953-5569
The Department of Academic Computing operates two computing centers that are open to all College of Charleston students seven days a week. Each center houses approximately 100 personal computers with a mix of high performance Dell PCs and Apple iMacs. A wide range of services including technical assistance, Internet access, electronic mail, laser printing, text and graphics scanning, and a collection of popular productivity software are available.

In addition, academic computing maintains small computing centers in each residence hall. Each center is equipped with at least four computers and a laser printer.

Student Services and Activities

Office of the Registrar
(843) 953-5668
www.cofc.edu/~register

CougarTrail on the Web (http://cougartrail.cofc.edu) is a computerized system by means of which students may directly monitor their records and manage their progress at the College of Charleston.

Cougar Trail on the Web also allows students to register for classes, add, drop, and withdraw from individual courses, obtain their grades and course schedules, and view their unofficial transcripts and transfer credit summaries. Students may also pay their bill online by credit card and view and update personal data. All records on Cougar Trail are confidential and are accessible only by the appropriate student.

Transcripts
Students may obtain a transcript of their academic record by completing and signing a request form in the Office of the Registrar or online at www.cofc.edu/~register/ro/. A student's record may be released by the registrar only upon specific signed request of the student. This request must be made in writing at least two weeks before the date the transcript is needed. Transcripts will not be issued for any student who has overdue financial obligations to the College of Charleston.

Student Health Services
(843) 953-5520
www.cofc.edu/~wellness/hshome.html

The mission of Student Health Services is to support wellness and to provide early diagnosis and treatment of the conditions that affect students. The staff of registered nurses and physicians provides quality primary health care in an ambulatory setting with a special emphasis on health education and prevention.

Services include treatment of minor and chronic illnesses, care of minor injuries and first aid, reproductive health consultation, some immunizations, TB, anemia, and diabetes screening, allergy injections, reference lab work, referrals to area hospitals and specialists as needed. The health service fee is included in the tuition; however other fees may apply.
Counseling and Substance Abuse Services
(843) 953-5640

Counseling and Substance Abuse Services provides counseling, assessment, and educational programming for a wide range of personal problems that confront students. The primary goal of counseling and other psychological services is to help students develop the self-awareness and personal resources necessary to overcome problems so as to allow students to take full advantage of the educational opportunities at the College.

Counseling Services
College is a time of new challenges and responsibilities. Counseling services can augment students' adjustment and personal growth as well as help to ensure success. Counseling is a confidential, helping relationship that assists students to better understand themselves including their feelings, behaviors, and relationships with others.

Counseling services are accredited by the International Association of Counseling Services. The staff consists of well-qualified mental health professionals and advanced graduate student interns with backgrounds in counseling, social work, and psychology. The counselors are all licensed in their respective fields.

Substance Abuse Services
Substance Abuse Services provides multiple prevention strategies that target the campus environment and wider college community to foster informed decision making about alcohol and drugs.

If necessary, students can be evaluated and referred to on-campus counseling resources for assessment, education, and/or treatment. Informal presentations and discussions on alcohol and drugs are available for interested classes, organizations, and any student group.

Student Activities and Organizations
The Department of Student Life provides the facilities and resources necessary for students and student organizations to carry on their daily business.

Theodore S. Stern Student Center
Facilities of the Stern Student Center include the Department of Student Life offices, information center, student organization offices, student organization mailboxes, collegiate-size swimming pool, food court, automated teller machines, mail services center, lockers for commuter students, lounge, meeting rooms, conference rooms, ballroom, Student Media Center, and the Stern Student Center Gardens.

Student Government Association (SGA)
The Student Government Association is the governing force for the student body and every student who enrolls at the College of Charleston automatically becomes a member. Elected by the student body semiannually, officers of this organization have traditionally provided a strong voice in articulating student concerns, and SGA has taken an active role in improving student life at the College.

Cougar Productions
Cougar Productions is an organization run by students for students. Members of Cougar Productions book live bands, plan theater performances, select films for public viewing, schedule world-famous speakers, and host multicultural events.

Black Student Union (BSU)
Although BSU's focus is on the specific experiences of minority students on campus, membership is open to all students at the College of Charleston.

Greek Life: Fraternities and Sororities
There are 22 Greek-letter organizations, three governing councils, and two honorary groups that embody Greek life at the College of Charleston. Interfraternity, Panhellenic, and National Panhellenic councils govern our fraternities and sororities. Recruitment takes place year round; however we offer a formal recruitment early in the fall.

Student Media Center
172 Calhoun Street
The Student Media Center houses the offices of the student media coordinator and the five student media at the College of Charleston. Students are invited to join the Student Media Board, the governing board of the media, or the staffs of Comet's yearbook, The George Street Observer newspaper, Miscellany arts and literary journal, CoC Radio and Cougar Television Productions. The media provide students with news and entertainment from campus and the Charleston community.

Honor Societies
Beta Gamma Sigma
Eta Sigma Phi National Classics
Honorary Fraternity
Golden Key National Honor Society
Lambda Alpha
Omicron Delta Epsilon
Omicron Delta Kappa
Order of Omega
Phi Alpha Theta

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Omicron Delta Kappa
Order of Omega
Phi Alpha Theta

General Organizations
Alliance for Planet Earth
Alpha Kappa Psi
Alpha Phi Omega
American Cancer Society
American Student Dental Association
Anatomy International
Arabic Club
Arts Management Club
Atheist Human Alliance
Biology Club
Black Student Union
Campus Outreach
Center Stage
Charleston 40
 Classics Club
Club of Hospitality and Tourism (CHAT)
Compass
C.O.R.E.
Cougar Productions
Dance Team
English Club
Film Club
First Responders Unit
French Club
Gathering
Gay & Lesbian Alliance
Gay Straight Alliance
Geology Club
German Club
Golden Key
Habitat for Humanity
Historic Preservation Society
Honor Board
Honors Program Student Association
HPSA
Indian Cultural Exchange
Interfraternity Council
International Affairs Club
Performance Organizations
Mainstage Production Season
Theatre for Youth Program
Premiere Theatre
The Shakespeare Project
Robert Ivey Ballet Company—in—Residence
Early Music Ensemble
College of Charleston Pro Musica
Classical Guitar Ensemble
College of Charleston Community Orchestra
College of Charleston Concert Choir
Madrigal Singers
Jazz Ensemble
Faculty Jazz Quintet
College of Charleston Jazz Arts Group
College of Charleston Gospel Choir

Student Media Organizations
The George Street Observer — student weekly newspaper
The Comet — student yearbook
Miscellany — student arts and literary journal
Cougar Television — student video production
College of Charleston Radio — 97.5 FM

Religious Life
There is a variety of religious organizations on campus, each offering a vast array of activities and spiritual development opportunities. They include:
African Methodist Episcopal
Baptist
B’Hai
Campus Crusade for Christ
Catholic (Roman)
Chaverute (Jewish Affiliated People)
Episcopal Campus Ministry
Fellowship of Christian Athletes
Interdenominational Abundant Life Church
Jewish Student Union
Latter Day Saints
Lutheran
Methodist (United)
Moslem
Presbyterian Student Association
Reformed University Fellowship
Religious Studies Club
Quaker

Athletics
(843) 953-5556
http://cougars.cofc.edu
The John Kresse Arena in the Johnson Center is home court for men’s and women’s basketball, volleyball, and other College events.

Soccer, softball, baseball and sailing teams practice and compete at the Patriots Point Sports Complex and Sailing Center. Men’s and women’s golf teams will have a practice facility there, and men’s and women’s tennis teams will also play at a new intercollegiate tennis center at the sports complex.

Intercollegiate Sports
The College of Charleston is an NCAA Division I and a Southern Conference member. The Athletics Department offers 20 intercollegiate sports plus cheerleading:

Men’s Teams
Baseball
Basketball
Cross Country
Golf
Sports Clubs
Soccer
Swimming and Diving
Tennis

Women's Teams
Basketball
Cross Country
Golf
Indoor Track
Outdoor Track
Sailing*
Soccer
Softball
Swimming and Diving
Tennis
Volleyball

Co-Ed Teams
Cheerleading
Equestrian*
Sailing*

Facilities for Sport and Recreation
Located on the corner of George and Meeting Streets are two facilities combined into one: the F. Mitchell Johnson Physical Education Center and the original gymnastics. This is the primary site for physical education classes, campus recreation activities, and athletics department events.

This large complex houses activity space for basketball, volleyball, tennis, badminton, racquetball, dance, resistance training, and even an indoor running track. Included are dedicated spaces for classrooms, human performance laboratories, department offices, and locker rooms.

The Theodore S. Stern Student Center, located on the opposite end of campus, is the site of the school's 25-meter swimming and diving pool. A 2,000-square-foot fitness/resistance training area is nestled on the top floor of the center.

Special Programs
The College's educational program offers students a wealth of opportunities beyond its degree requirements. For example, nearly every department offers its advanced students the chance to do intensive, independent study under the supervision of a faculty member. However, some special programs do not appear in the "Courses of Instruction" section of this catalog. These opportunities range from on-campus programs that expand the student's options within the regular curriculum (such as the Honors Program) to others that place participants in learning situations in local, out-of-state, and international settings (internships, cooperative education, and study abroad, for example).

Academic Common Market
The College of Charleston is a member of the 14-state Academic Common Market, which allows participating South Carolina students to pay in-state tuition while studying outside South Carolina. There are two requirements for eligibility: acceptance in a program to which South Carolina has agreements to send its students and proof of legal residency in South Carolina. Other participating states are Alabama, Arkansas, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, Oklahoma, Tennessee, Texas, Virginia, and West Virginia. Several of these states have agreed to allow their residents to participate in the College of Charleston's marine biology program at the graduate level. Additional information is available from the Office of Undergraduate Studies at the College of Charleston or from the Southern Regional Education Board, 592 Tenth Street, NW, Atlanta, GA 30318-5790.

Charleston Higher Education Institutions
The College of Charleston, The Citadel, Medical University of South Carolina, Trident Technical College, and Charleston Southern University have an agreement whereby students enrolled full-time and paying full-time tuition at any of these institutions may be able to take courses at other participating institutions at no additional cost (with some restrictions). Information and cross registration forms can be obtained from the Office of Undergraduate Studies. Each request for cross registration must be approved by a dean of Undergraduate Studies and the chair of the appropriate department before the beginning of the term in which the student wishes to participate.

NOTE: This arrangement does not include summer session classes.

The Honors Program
(843) 953-7154
www.cofc.edu/~honors

John H. Newell, Director
Students of superior academic ability, motivation, and background are encouraged to participate in the College's Honors Program. Honors courses are smaller, thereby allowing for more intensive student participation. They are accelerated to meet the needs of superior students, and many of them are taught and interdisciplinary so that the student's education transcends the boundaries of traditional academic disciplines. The Honors Program gives unusually able students the opportunity to:

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

Admission
The Honors Program has special procedures for admission and its own retention requirements. For a brochure containing more detailed information and for all necessary application materials, contact the director of the Honors Program or the Office
of Admissions or visit the Honors Program website: www.cofc.edu/~honors.

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

The Honors Colloquium
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
An important part of the Honors Program 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 an individual student. Together with their tutors, Honors Program students design their own individual courses of study, determine reading and written assignments and plan independent projects. Students in the program 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 Program.

Honors Center and Housing
The Honors Center, located in one of the historic buildings in the heart of the campus, houses a seminar-style classroom, student computers, and study/meeting areas. It serves as the focal point for the social and intellectual activities of the Honors Program. 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, host lectures and seminars in the evenings, and host honors social activities. In these residence halls honors students will live in the center of campus, in close proximity to the Honors Center, to the library, and to upper class honors students. The Honors Center and residence halls together facilitate a sense of community among Honors Program students and faculty.

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

1. HONS 105 and HONS 106 Honors English
2. HONS 120 and HONS 130 Honors Colloquium in Western Civilization
3. MATH 120 Introductory Calculus
4. An additional mathematics course at or above the 200 level
5. Some of the above requirements may be satisfied through AP exams
6. Three additional Honors Program courses, one of which is interdisciplinary
7. Three credits in tutorials and/or independent study
8. A six-credit bachelor's essay (499)
9. A cumulative grade point average of 3.40 or higher

NOTE: Honors Program graduates will be so designated on their transcripts and will receive special recognition during the awards and graduation ceremonies. Many students in the Honors Program also qualify for departmental honors.

Teaching Fellows Program
The College of Charleston Teaching Fellows Program, housed in the School of Education, offers to a select cohort of tomorrow's teachers the opportunity to participate in a special program which emphasizesscholastic achievement; immerses students in PreK-12 school based experiences; offers personal attention; and provides opportunities for leadership enhancement, service, and enrichment.

Annually, up to 30 teaching fellows at the College are chosen through a state-wide competitive process open to South Carolina high school seniors. They receive annual awards of $6,000 and agree to teach one year in South Carolina for each year they receive the fellowship.

Note: Additional information can be found at the S.C. Center for Teacher Recruitment and Retention website: http://tcrt.org.

Air Force ROTC
AFROTC is a two-year program offered to College of Charleston students through a cross-registration agreement with Charleston Southern University. Though normally designed for the junior and senior years, it can include graduate studies. After successfully completing the program, cadets receive commissions as second lieutenants in the USAF and will serve a minimum of four years on active duty.

Various Air Force scholarships that pay up to full tuition, textbooks, and associated fees are available to qualified students. Both scholarship and non-scholarship cadets receive a $150 monthly stipend. Students should normally start the application process during their sophomore year.

NOTE: For current information, contact the professor of aerospace studies at 843-963-7144.

Army ROTC
Pre-Commissioning Program
(843) 953-5224

The U.S. Army is seeking qualified students for commissioned officer positions in both active and reserve force units. The Citadel Army ROTC Detachment offers a two-year pre-commissioning program to qualified Army Reserve or Army National Guard members who are enrolled at the College of Charleston. The two-year program will require that the student attend military science classes one night a week or as prescribed by their instructor, major field training exercises, as well as a six-week summer training program (Advanced Camp) between their junior and senior years.

Upon completion of both bachelor degree and ROTC requirements, the student will be commissioned a second lieutenant in the United States Army.

For current information contact the professor of military science at The Citadel.
Valerie Morris, Dean

Graduates are prepared for further academic study as well as professions ranging from museum and gallery management to professional theatre work, from performance careers to work on commissions for major art and preservation projects. Graduates of the School of the Arts have been accepted to graduate programs in the United States and abroad, often as fellowship students.

Halsey Gallery

The William Halsey Gallery, located within the Simons Center for the Arts, 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. The Halsey Gallery has been presenting exhibitions, lectures, workshops, symposia, and other events since the Simons Center opened in 1978. The gallery is staffed by a full time director and a gallery curator. Students enrolled in the gallery fundamentals class install all exhibitions, assist with publicity, and act as monitors during gallery hours. As an art gallery within a liberal arts institution, the Halsey Gallery is committed to providing a broad range of ideas, exhibitions, and activities which serve to enrich the academic life of the college as well as the cultural life of the region.

Degrees offered (majors):

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

Art History
(843) 953-8285
www.cofc.edu/~sota/history

Mary Beth Heston, Chair

Professors
- Frank Cossa
- Diane Chalmers Johnson
- David M. Kowal

Associate Professors
- Tessa Garton
- Mary Beth Heston
- Ralph Muldrow, Historic Preservation and Community Planning

Robert Douglass Russell, Jr., Addlestone Chair in Lowcountry Art, History, and Culture. Director: Historic Preservation and Community Planning Program

Assistant Professor
- Marian Mazzone

Slide Curator/Instructor
- Sherry Wallace

The major in art history offers exciting and 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 which enable students to experience first hand the art, architecture and urban environments they have studied.

Through a sequence of self-selected courses, students learn to do research, work in 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 successfully completed master’s degrees, medical and law school, have secured positions in major museums in Washington, D.C., and New York, and found fulfilling careers in a variety of areas from gallery curatorships to teaching.

Major Requirements: 36 hours

ARTH 101 History of Art: Prehistory to Renaissance
ARTH 102 History of Art: Renaissance through Modern
ARTH 103 History of Asian Art
ARTH 299 Research and Methods in Art History (preferably to be taken sophomore year or first semester of junior year)
ARTH 415 Senior paper

15 additional hours in art history, chosen with the approval of student’s departmental advisor, of which 9 hours must be at or above the 300 level.

NOTE: Only six hours from ARTH 299 and/or ARTH 340 Selected Topics may be applied towards the 36 hours for the art history major.

Six hours in studio art selected from:

ARTS 119 Drawing I
ARTS 215 Photography I
ARTS 216 Painting I
ARTS 218 Printmaking I
ARTS 220 Sculpture I

Three hours out of the six hours in studio art may be satisfied by completing one of the following:

ARTH 315 Urban Design Studio
ARTH 318 Preservation Planning Studio
ARTH 319 Architectural Design Studio
Minor Requirements: 18 hours
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.

At least nine hours in the minor at the 200 level or above must be earned at the College of Charleston.

Historic Preservation and Community Planning

(843) 953-8285
www.cofc.edu/~sota/preservation

Robert Russell, Director

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 the present necessity to link preservation with parallel issues in community planning. Because of changes in the world of historic preservation it is no longer sufficient to consider the preservation of particular buildings or landscapes without a concomitant vision of what might best be called the 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 presently 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, 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 at the beginning of the 21st century.

Major Requirements: 39 hours

Required courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARTH 230</td>
<td>Introduction to Historic Preservation (cross-listed with urban studies and history)</td>
</tr>
<tr>
<td>ARTH 335</td>
<td>History of American Architecture</td>
</tr>
<tr>
<td>ARTH 338</td>
<td>American Vernacular Architecture and Material Culture</td>
</tr>
<tr>
<td>ARTH 318</td>
<td>Preservation Planning Studio</td>
</tr>
<tr>
<td>HIST 211</td>
<td>American Urban History</td>
</tr>
<tr>
<td>URST 310</td>
<td></td>
</tr>
<tr>
<td>ARTH 330</td>
<td>Urban Planning</td>
</tr>
<tr>
<td>ARTH 410</td>
<td>Internship (also satisfied by HIST 496 Field Internship and URST 400 Practicum)</td>
</tr>
<tr>
<td>ARTH 415</td>
<td>Senior Paper/Senior Studio</td>
</tr>
</tbody>
</table>

Two courses selected from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARTH 245</td>
<td>Introduction to Architectural History</td>
</tr>
<tr>
<td>ARTH 265</td>
<td>The City as a Work of Art</td>
</tr>
<tr>
<td>ARTH 315</td>
<td>Urban Design Studio</td>
</tr>
<tr>
<td>ARTH 319</td>
<td>Architectural Design Studio</td>
</tr>
<tr>
<td>HIST 323</td>
<td>Society and Culture of Early Charleston</td>
</tr>
</tbody>
</table>

Electives: nine credit hours from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH 202</td>
<td>Archaeology</td>
</tr>
<tr>
<td>ANTH 351</td>
<td>Urban Anthropology (cross-listed as SOCY 351)</td>
</tr>
<tr>
<td>ANTH 493</td>
<td>Field School in Archaeology (eight credits would satisfy core internship requirement)</td>
</tr>
<tr>
<td>ARTH 260</td>
<td>Buildings, Manners, and Laws: Charleston Architecture and Culture</td>
</tr>
<tr>
<td>ARTH 333</td>
<td>Traditional Design in Charleston</td>
</tr>
<tr>
<td>ARTH 394</td>
<td>18th- and 19th-Century Architecture</td>
</tr>
<tr>
<td>ARTH 395</td>
<td>20th-Century Architecture</td>
</tr>
<tr>
<td>ARTS 119</td>
<td>Drawing I</td>
</tr>
<tr>
<td>ARTS 335</td>
<td>Photography I</td>
</tr>
<tr>
<td>ECON 307</td>
<td>Urban Economics</td>
</tr>
<tr>
<td>HIST 214</td>
<td>American Ethnic History: 1607 to Present</td>
</tr>
<tr>
<td>HIST 216</td>
<td>African American History</td>
</tr>
<tr>
<td>HIST 217</td>
<td>African American History</td>
</tr>
<tr>
<td>HIST 221</td>
<td>Women in the U.S.</td>
</tr>
<tr>
<td>HIST 222</td>
<td>History of South Carolina</td>
</tr>
<tr>
<td>HIST 224</td>
<td>History of the South to 1865</td>
</tr>
<tr>
<td>HIST 225</td>
<td>History of the South since 1865</td>
</tr>
<tr>
<td>HIST 256</td>
<td>History of Science and Technology</td>
</tr>
<tr>
<td>HIST 301</td>
<td>Colonial America, 1585–1763</td>
</tr>
<tr>
<td>HIST 303</td>
<td>History of the United States: The Young Republic, 1800–1845</td>
</tr>
<tr>
<td>HIST 304</td>
<td>History of the United States 1845–1877</td>
</tr>
<tr>
<td>HIST 305</td>
<td>History of the United States 1877–1918</td>
</tr>
<tr>
<td>HIST 306</td>
<td>History of the United States 1918–1945</td>
</tr>
<tr>
<td>HIST 307</td>
<td>History of the United States 1945–Present</td>
</tr>
<tr>
<td>HIST 354</td>
<td>Tudor England, 1485–1603</td>
</tr>
<tr>
<td>HIST 355</td>
<td>Stuart England, 1603–1714</td>
</tr>
<tr>
<td>HIST 356</td>
<td>Georgian Britain</td>
</tr>
</tbody>
</table>

Minor Requirements: 21 hours
At least nine hours in the minor at the 200 level or above must be earned at the College of Charleston.

Required courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARTH 330</td>
<td>or</td>
</tr>
<tr>
<td>URST 310</td>
<td>Urban Planning</td>
</tr>
<tr>
<td>ARTH 230</td>
<td>Introduction to Historic Preservation (cross-listed with urban studies and history)</td>
</tr>
<tr>
<td>HIST 496</td>
<td>Field Internship (also satisfied by ARTH 410 Internship)</td>
</tr>
<tr>
<td>URST 400</td>
<td>Practicum</td>
</tr>
</tbody>
</table>

Electives: six credit hours from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARTH 260</td>
<td>Charleston Architecture</td>
</tr>
<tr>
<td>ARTH 315</td>
<td>Urban Design Studio</td>
</tr>
<tr>
<td>ARTH 318</td>
<td>Preservation Planning Studio</td>
</tr>
<tr>
<td>ARTH 335</td>
<td>History of American Architecture</td>
</tr>
<tr>
<td>HIST 222</td>
<td>History of South Carolina</td>
</tr>
<tr>
<td>HIST 323</td>
<td>Society and Culture of Early Charleston</td>
</tr>
<tr>
<td>POLS 305</td>
<td>Urban Geography</td>
</tr>
<tr>
<td>POLS 381</td>
<td>Urban Politics</td>
</tr>
</tbody>
</table>

Special topics in art history, history, political science, urban studies (could include, for example, the Addlestone seminars in the art history department, or Victorian Charleston, offered by the history department, or a course like Land Use Law, offered by the Urban Studies Program).
Arts Management
(843) 953-8241
www.cofc.edu/-sota/management

Scott Shanklin-Peterson, Director

Associate Professors
Scott Shanklin-Peterson
Mark Sloan

Assistant Professor
Karen Chandler

Visiting Assistant Professor
Lori Kornegay

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

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, governance, and volunteer management relevant to the unique world of the visual and performing arts industry. Internships and participation in School of the Arts and community arts organizations reinforce classroom experiences. Professional artists and arts industry leaders augment the perspective of the courses.

Major Requirements: 39 hours

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 200</td>
<td>Accounting Information for Non-Business Majors</td>
</tr>
<tr>
<td></td>
<td>or ACCT 203 Financial Accounting</td>
</tr>
<tr>
<td>ARTH 101</td>
<td>History of Art: Prehistory to Renaissance</td>
</tr>
<tr>
<td></td>
<td>or ARTH 102 History of Art: Renaissance through Modern</td>
</tr>
<tr>
<td></td>
<td>or ARTH 103 History of Asian Art</td>
</tr>
<tr>
<td>ARTM 200</td>
<td>Introduction to Arts Management</td>
</tr>
<tr>
<td>ARTM 310</td>
<td>Advanced Arts Management</td>
</tr>
<tr>
<td>ARTM 340</td>
<td>Arts Financial Management</td>
</tr>
<tr>
<td>ARTM 400</td>
<td>Internship in Arts Management</td>
</tr>
<tr>
<td>ARTM 420</td>
<td>Policy in the Arts</td>
</tr>
<tr>
<td>BLAW 205</td>
<td>Legal Environment of Business</td>
</tr>
<tr>
<td></td>
<td>or BLAW 306 Law for Business Managers</td>
</tr>
<tr>
<td>ECON 201</td>
<td>Principles of Macroeconomics</td>
</tr>
<tr>
<td>MKTG 302</td>
<td>Marketing Concepts</td>
</tr>
<tr>
<td>MUSC 131</td>
<td>Music Appreciation</td>
</tr>
<tr>
<td>PHIL 280</td>
<td>Aesthetics or PHIL 180 Philosophy of Art</td>
</tr>
<tr>
<td>THTR 176</td>
<td>Introduction to Theatre</td>
</tr>
</tbody>
</table>

Electives in Arts Management:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 204</td>
<td>Managerial Accounting</td>
</tr>
<tr>
<td>ARTH 230</td>
<td>Introduction to Historic Preservation</td>
</tr>
<tr>
<td>ARTH 318</td>
<td>Preservation Planning Studio</td>
</tr>
<tr>
<td>ARTM 240</td>
<td>Gallery Fundamentals</td>
</tr>
<tr>
<td>ARTM 360</td>
<td>Special Topics: Development/Fundraising</td>
</tr>
<tr>
<td></td>
<td>Special Topics: Membership and Audience Development</td>
</tr>
<tr>
<td></td>
<td>Special Topics: Exploring Creativity</td>
</tr>
<tr>
<td>COMM 214</td>
<td>Mass Media</td>
</tr>
<tr>
<td>COMM 230</td>
<td>Writing for the Mass Media</td>
</tr>
<tr>
<td>COMM 235</td>
<td>Public Relations Practices</td>
</tr>
<tr>
<td>COMM 332</td>
<td>Business Communication</td>
</tr>
<tr>
<td>CSCI 114</td>
<td>Electronic Publishing and Design</td>
</tr>
<tr>
<td>EDEE 316</td>
<td>Teaching of Creative Arts</td>
</tr>
<tr>
<td>EDFS 201</td>
<td>Introduction to Education</td>
</tr>
<tr>
<td>ENGL 215</td>
<td>Interdisciplinary Composition</td>
</tr>
<tr>
<td>HTMT 210</td>
<td>Principles and Practices in Hospitality and Tourism</td>
</tr>
<tr>
<td>HTMT 350</td>
<td>Hospitality and Tourism Marketing</td>
</tr>
<tr>
<td>MGMT 105</td>
<td>Introduction to Business</td>
</tr>
<tr>
<td>MGMT 301</td>
<td>Management and Organizational Behavior</td>
</tr>
<tr>
<td>MGMT 307</td>
<td>Human Resource Management</td>
</tr>
<tr>
<td>MGMT 308</td>
<td>Managing Diversity</td>
</tr>
<tr>
<td>MKTG 330</td>
<td>Advertising</td>
</tr>
<tr>
<td>MKTG 351</td>
<td>Public Relations</td>
</tr>
<tr>
<td>THTR 207</td>
<td>Graphics for the Theatre</td>
</tr>
<tr>
<td>THTR 370</td>
<td>Stage Management</td>
</tr>
</tbody>
</table>

NOTE: Students who major in arts management are encouraged to take a double major or at least a minor in a program or subject area of their choice.

Minor Requirements:

At least nine hours in the minor at the 200 level or above must be earned at the College of Charleston. (see Interdisciplinary Minors)

Music
(843) 953-5927
www.cofc.edu/music

Steve Rosenberg, Chair

Professors
Douglas D. Ashley
William D. Gudger
David W. Maves, Composer-in-Residence
Steve Rosenberg

Associate Professors
Marc Regnier
Lee-Chin Siow
Robert Taylor
Trevor Weston

Visiting Assistant Professor
Robert Lewis

Lecturer
Robin Zemp

Staff Accompanist
Carol Beyer

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, 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, Piccolo Spoleto, and the Charleston Symphony Orchestra, offers students a truly cosmopolitan atmosphere usually found only in major urban centers.

Major Requirements: 42 hours

NOTE: In addition to the standard college-wide form for declaring a major in a specific department, music majors must be accepted through an audition (if majoring in an applied music area) or a conference with a faculty member (for music theory and composition or music history).
MUSC 246  Music Theory I
MUSC 247  Music Theory II
MUSC 238  Music Theory Lab I
MUSC 239  Music Theory Lab II
MUSC 338  Music Theory Lab III
MUSC 339  Music Theory Lab IV
MUSC 381  Music Theory Lab III
MUSC 382  Music Theory Lab II
MUSC 481  Music Theory IV
MUSC 482  Music Theory IV

Eight hours, of which four must be in one area (MUSP course at the 200 and/or 400 level)
NOTE: All music majors must pass a piano proficiency exam or take at least two semesters of piano or class piano.

Three hours in one of the departmental ensembles

Nine hours from:

Applied music: At least six of which must be at the 400 level (any combination of MUSP 4xx and MUSC 475).

or

Theory/composition:
MUSC 351, 352 Seminar in Composition
MUSC 460  Independent Study in Composition

or

History/literature:
ARTH 101  History of Art: Prehistory to Renaissance
ARTH 102  History of Art: Renaissance through Modern times
MUSC 444  Selected Topics in Music History
MUSC 445  Independent Study in Music History

NOTE: Normally as preparation for graduate work in music history or musicology, the student is urged to seek additional language training (especially German, plus French or Italian, if possible).

Minor Requirements: 18 hours
At least nine 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 (offered every semester)
MUSC 382  Music History (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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**Studio Art**

(843) 953-8286
www.cofc.edu/~sota/studio

Michael Tyzack, Chair

Professors
Barbara Duval
John N. Michel
Michael Phillips
Michael Tyzack

Associate Professors
Herb Parker
Clifton Peacock
Michelle Van Parys

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.

Major Requirements: 36 hours
ARTH 101  History of Art: Prehistory to Renaissance
ARTH 102  History of Art: Renaissance through Modern
ARTS 118  Fundamentals of Studio Art; Images and Issues

Three hours selected from any art history courses at or above the 300 level.

Six hours selected from:
ARTS 119  Drawing I
ARTS 215  Photography I
ARTS 216  Painting I
ARTS 218  Printmaking I
ARTS 220  Sculpture I

Electives: 18 additional hours chosen with the approval of the student's departmental advisor, with 15 of those hours at or above the 300 level.

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**Theatre**

(843) 953-6366
www.cofc.edu/~sota/theater

Mark Landis, Chair

Professors
Franklin Ashley
Mark Landis
Allen Lyndrup
Valerie Morris

Associate Professors
Robert Ivey
John Olbrych
Evan Parry
Laura Turner
Joy Vandervort-Cobb

Assistant Professors
Julie Geiger
Susan Kattwinkel
Todd McNerney
Tricia Thelen

Instructor
Brent Laing

Artist-in-Residence
Maida Libkin

The Department of Theatre offers a vital, exciting program to develop the theatre practitioners of the future. From acting to design, from directing to
playwriting, students encounter ideas, theories, and techniques which will enable them to achieve excellence in a most competitive arena. Students work with many visiting actors, writers, and directors and also have the opportunity for international study as well as faculty-supervised trips to major theatrical centers. Students also compete in events sponsored by the Southeastern Theatre Conference, the Association for Theatre in Higher Education, and the Kennedy Center/ American College Theatre Festival.

Students may earn a bachelor of arts degree in theatre specializing in performance, stage design/technology, costume design/technology, theatre for youth, or may choose a general curriculum of study.

Students also have the opportunity to work with Spoleto Festival USA, Piccolo Spoleto, numerous professional and community theatres as well as on films from major studios shooting in and around Charleston.

**Major Requirements: 42 hours**

*Note: The major must include at least 15 hours at or above the 300 level.*

- THTR 209 Stagecraft I
- THTR 240 Introduction to Costuming
- THTR 276 Script Analysis
- THTR 277 Acting I
- THTR 310 Theatre History, Literature to 1750
- THTR 311 Theatre History, Literature after 1750
- THTR 382 Stage Lighting

21 additional hours to form a concentration in:

**Performance (acting/directing)**

- THTR 180 Theatre Makeup
- THTR 201 Production Practicum (1 hr.)
- THTR 200, 201, 202 One Additional Practicum (1 hr.)
- THTR 360 Voice for the Actor
- THTR 375 Movement for the Actor
- THTR 376 Acting II
- THTR 377 Acting III
- THTR 378 Directing
- THTR 3xx-4xx Elective

**or**

**Scenography I**

- ARTH 101 History of Art: Prehistory to Renaissance or ARTH 102 History of Art: Renaissance through Modern
- THTR 180 Theatre Makeup
- THTR 200, 202 One Additional Practicum (1 hr.)
- THTR 201 Production Practicum (1 hr.)
- THTR 207 Graphics for the Theatre
- THTR 340 Costume Design
- THTR 440 Costume Design Research
- THTR 3xx-4xx Electives (5 hrs.)

**or**

**Scenography II**

- ARTH 101 History of Art: Prehistory to Renaissance or ARTH 102 History of Art: Renaissance through Modern
- THTR 201 Production Practicum (2 hrs.)
- THTR 200, 201, 202 One Additional Practicum (1 hr.)
- THTR 207 Graphics for the Theatre
- THTR 280 Scene Painting
- THTR 381 Stagecraft II
- THTR 383 Scenic Design
- THTR 3xx-4xx Elective

**or**

**Theatre for Youth**

- ARTH 200 Introduction to Arts Management
- EDEE 311 Literature for Children
- EDPS 201 Introduction to Education
- THTR 221 Creative Dramatics
- THTR 321 Theatre for Youth (Children's Theatre)
- THTR 378 Directing

**Elective** EDEE or EDPS 3xx, 4xx

*Note: This concentration does not lead to a teaching certificate.*

*See Advisor.*

**or**

**General Theatre: 16 hours**

- THTR 200, 201, 202 Practicum (1 hr.)
- THTR 316 African American Theatre
- THTR 387 Contemporary Theatre
- THTR 3xx-4xx Electives (6 hrs.)

**One of the following two courses:**

- THTR 370 Stage Management
- THTR 378 Stage Direction

**Minor Requirements:**

**Theatre: 18 hours**

At least nine hours in the minor at the 200 level or above must be earned at the College of Charleston.

- THTR 176 Introduction to Theatre
- THTR 276 Script Analysis
- THTR 310 or 311 Theatre History and Literature

**Additional hours selected from the theatre core curriculum (6 hours)**

- THTR 209 Stagecraft I
- THTR 240 Costume: Introductory Studies
- THTR 277 Acting I Basic Approach
- THTR 310 Theatre History and Literature to 1750
- THTR 311 Theatre History and Literature after 1750 (not taken for above)
- THTR 382 Stage Lighting

**Electives (6 hours)**

**Dance: 18 hours**

**Required basic technique courses:**

**Six hours selected from:**

- THTR/PEHD 135 Elementary Jazz Dance
- THTR/PEHD 137 Elementary Modern Dance
- THTR/PEHD 185 Elementary Ballet

At least one intermediate technique course:

Two hours selected from:

- THTR/PEHD 138 Intermediate Modern Dance
- THTR/PEHD 186 Intermediate Ballet

**History/theory courses:**

**Six hours selected from:**

- THTR 331 History of Dance
- THTR 332 Dance Choreography

A combination of the following (four hours):

- THTR 200, 201, 202 Practicum (2 hrs.)
- THTR 338 Dance Ensemble (2 hrs.)

*Note: No more than eight semester hours of PEHD or THTR/PEHD dance/activity courses may be applied toward the degree.*
School of Business and Economics

(843) 953-1356

Clarence M. Condon, III, Dean

Executives-in-Residence
Gerhard B. Bohn
Ben R. Lever
Martin J. Markowitz
George G. Spaulding

Entrepreneurs-in-Residence
Tommy B. Baker
Stanley F. Reed

Dean Emeritus
Howard F. Rudd, Jr.

Mission Statement:

The mission of the School of Business and Economics at the College of Charleston is to assist individuals in acquiring the knowledge and skills necessary to be productive participants and responsible citizens in the global economy.

We are committed to:

• Providing students a high-quality business education in a liberal arts environment.
• Inspiring the development of ethical values and leadership skills.
• Offering academic programs responsive to the community.
• Providing expertise to the public.
• Supporting faculty excellence in teaching, research, and service.

NOTES:
1. The business and accounting programs offered by the School of Business and Economics are accredited by AACSB International – the Association to Advance College Schools of Business.
2. At least fifty percent of the business credit hours required for a major from the School of Business and Economics 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 and Economics.
4. Upper-level courses will not transfer from two-year colleges or non-AACSB accredited four-year colleges.
5. Students with majors outside of the School of Business and Economics may receive a maximum of 30 business school credit hours.

Degrees offered (majors):

Bachelor of Science
Accounting
Business Administration
Economics
International Business

Concentrations
Finance
Global Logistics and Transportation
Hospitality and Tourism Management
Marketing

Minors
Business Administration
Economics
Finance
Global Logistics and Transportation
Hospitality and Tourism Management

Interdisciplinary Minors
Arts Management and Administration
Languages and International Business
Pre-Actuarial Studies

Accounting and Legal Studies

(843) 953-7835
www.cofc.edu/~acctls

Linda J. Bradley, Chair

Professors
Andrew L. Abrams
A. James McKee, Jr.
Robert W. Rouse
B. Mack Tennyson
Gary L. Tidwell

Associate Professors
Linda J. Bradley
Roger B. Daniels
Tahaat A. Elshazy
Jeffery A. Yost

Assistant Professors
Steven J. Arsenault
Alan K. Styles

Visiting Professor
Thomas E. Mckee

The mission of the Accounting Program is to assist individuals in acquiring the knowledge and skills needed as accounting professionals.

We are 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
The dynamic nature of the accounting profession; and supporting faculty excellence in teaching, scholarship, and service.

See notes under section for School of Business and Economics.

**Accounting Major Requirements:**

48 hours

- **ACCT 203** Financial Accounting
- **ACCT 204** Managerial Accounting
- **ACCT 307** Accounting Information Systems
- **ACCT 308** Cost Accounting
- **ACCT 316** Intermediate Accounting I
- **ACCT 317** Intermediate Accounting II
- **ACCT 341** Federal Taxation I
- **ACCT 349** Auditing Theory
- **BLAW 205** Legal Environment of Business
- **BLAW 323** Business Statistics
- **BLAW 304** Production and Operations Management
- **FINC 303** Business Finance
- **MGMT 301** Management and Organizational Behavior
- **MGMT 309** Marketing Concepts
- **MGMT 408** Business Policy

**One additional course from the following:**

- **ACCT 336** Governmental and Not-For-Profit Accounting
- **ACCT 342** Federal Taxation II
- **ACCT 408** Managerial Accounting
- **BLAW 429** Commercial Law
- **FINC 315** Intermediate Business Finance

**Economics and Finance**

(843) 953-8100
www.cofc.edu/~econfn

**Professor Morgan, Chair**

**Professors**

Betsy Jane Clary
Clarence M. Condron, III
J. Michael Morgan
B. Perry Woodside, III

**Associate Professors**

Frank L. Heiber

**Assistant Professors**

Rita A. Balaban
Calvin Blackwell
Charlotte A. Bond
Peter T. Calegno
Monica P. Escaleras

**Instructor**

Marcia Snyder

**Visiting Professor of Finance**

Sam G. Berry

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 and Economics.

Economists is the study of how society produces, exchanges, and consumes goods and services, given limited resources. The economic program fulfills two primary objectives by giving students a broad exposure to concepts, theories, analytical techniques and applications.

1. The curriculum should stimulate interest in economic and social 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, 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.

**NOTES:** Completion of any economics course satisfies three hours of the College's social science requirement. Also, see notes under section for School of Business and Economics.

**Economics Major Requirements:**

36 hours

- **DSCI 232** Business Statistics
- **ECON 201** Principles of Macroeconomics
- **ECON 202** Principles of Microeconomics
- **ECON 305** Money and Financial Institutions
- **ECON 308** Evolution of Economic Doctrines
- **ECON 310** International Economics
- **ECON 317** Microeconomic Analysis
- **ECON 318** Macroeconomic Analysis
- **ECON 400** Senior Seminar in Economics

**Electives:** Nine hours to be chosen from economics and business administration courses at the 300 level and above. At least one of these electives must be an economics course.

**Minor Requirements:** 18 hrs.

At least nine hours in the minor at the 200 level or above must be earned at the College of Charleston.

**ECON 201** Principles of Macroeconomics
**ECON 202** Principles of Microeconomics

**Electives:** 12 hours selected from economics courses at or above the 300 level and/or DSCI 232 Business Statistics II

**Minor/Concentration in Finance**

The minor 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. It includes courses in financial and operating, 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, 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.

Requirements: 18 hours
At least nine hours in the minor at the 300 level or above must be earned at the College of Charleston.

Six upper-level finance/economics courses to include:
FINC 303  Business Finance
FINC 410  Seminar in Finance

Four others selected from:
ECON 305  Money and Financial Institutions
ECON 350  Financial Markets in U.S. Economy
FINC 313  Management of Financial Institutions
FINC 315  Intermediate Business Finance
FINC 360  Special Topics
FINC 375  Principles of Real Estate
FINC 380  Real Estate Financing and Investing
FINC 382  International Finance
FINC 385  Principles of Risk Management and Insurance
FINC 386  Risk Management
FINC 400  Investment Analysis
FINC 420  Independent Study

NOTES: All prerequisites (ECON 201, 202, ACCT 203, 204, DSCI 232) for business and economics courses must be met.
Business Finance (FINC 303) is a prerequisite for all upper-level finance courses.

Management and Marketing
(843) 953-5481
www.cofc.edu/~mgmtmk
Kent N. Gourdin, Chair

Professors
Robert L. Anderson
Joseph J. Benich
John C. Crotts
Kent N. Gourdin
Mark F. Hartley
Rhonda W. Mack
Howard F. Rudd, Jr.

Associate Professors
Abdul Aziz
Stephen Litvin
Lawrence L. McNitt
Rene D. Mueller
Gregory B. Turner

Assistant Professors
John Clarkin
Jose R. Gavidia
Gerald Gonsalves
Marvin Gonzalez
Thomas N. Kent
James D. Mueller
Gioconda Quesada
Julia L. Tankersley

Instructor
Harland E. Hodges

The business administration major offers students an opportunity to prepare for careers in today's challenging world of business by delivering a comprehensive program of academics, technology, and leadership. A diverse business core and a variety of electives constitute an accredited curriculum which is based on the liberal arts and sciences foundation for which the College of Charleston is so well known.

The international business major has been designed to allow 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. The requirement of an interdisciplinary or language minor gives global insight to the development of a unique international business education.

See notes under section for School of Business and Economics.

Business Administration

Major Requirements: 48 hours
ACCT 203  Financial Accounting
ACCT 204  Managerial Accounting
BLAW 205  Legal Environment of Business
DSCI 232  Business Statistics
DSCI 300  Management Information Systems
DSCI 304  Production and Operations Management
ECON 201  Principles of Macroeconomics
ECON 202  Principles of Microeconomics
FINC 303  Business Finance
MGMT 301  Management and Organizational Behavior
MKTG 302  Marketing Concepts
MGMT 406  Business Policy

Electives: 12 hours at the 300/400 levels: Business, accounting, or economics courses with a maximum of six hours of accounting, economics, independent study, special topic, tutorial or travel/study courses.

NOTE: MATH 104 and 105 are also required and fulfill the general education math requirement. These courses do not count toward the business administration major GPA. ECON 201 and 202 also fulfill the general education social science requirements.

International Business

Major Requirements: 45 hours
ACCT 203  Financial Accounting
ACCT 204  Managerial Accounting
DSCI 232  Business Statistics
DSCI 314  Global Management of Technology
ECON 201  Principles of Macroeconomics
ECON 202  Principles of Microeconomics
ECON 303  Economics of Transportation and Geography OR POLS 104 World Geography
FINC 303  Business Finance
FINC 382  International Finance
MGMT 301  Management and Organizational Behavior
CONCENTRATION/MINOR: 18 HOURS

Global Logistics and Transportation

Required courses to be taken in the following sequence:
- TRAN 311 Intermodal Transportation
- TRAN 312 Global Logistics

 Elective: one to be chosen from:
- BLAW 350 International Law
- MGMT 322 International Business
- MGMT 333 Purchasing/Supply Chain Management
- ECON 310 International Economics

Required minor to be chosen from:
- Japanese, Latin American/Garibbean, or Russian Studies; Global Logistics and Transportation; French, Spanish, or German language.

Hospitality and Tourism Management

Concentration: 18 hours

Foundation Course:
- HTMT 210 Principles and Practices in Hospitality and Tourism

Core: Four (4) to be chosen from:
- HTMT 350 Hospitality and Tourism Marketing
- HTMT 351 Hotel Management
- HTMT 352 Service Operations Management
- MGMT 330 Marketing Research
- MGMT 307 Human Resource Management

Or any upper division HTMT course

Elective: One (1) to be chosen from:
- FINC 375 Principles of Real Estate
- MGMT 320 Marketing Research
- MGMT 308 Managing Diversity
- MGMT 319 Creation of New Business Enterprises

Electives:
- Six hours from the following courses:
  - Any 300 or 400 level marketing courses except HTMT 302 (counts as core requirement only), HTMT 399 and MGMT 499; or
  - HTMT 353 Hospitality Sales and Negotiations
  - MGMT 332 Business Communications
  - TRAN 312 Global Logistics

Transportation Concentration: 18 hours

Core courses:
- ECON 303 Economics of Transportation and Geography
- MGMT 322 International Business
- TRAN 431 Issues in Global Logistics
- TRAN 432 Global Logistics Systems Management

Electives:
- Twelve credit hours selected from business courses at the 300 or 400 level; six credit hours selected from 200-, 300-, and 400-level business, accounting, or economics courses.

Languages and International Business Minor

(see Interdisciplinary Minors)
Frances C. Welch, Dean  
Diane C. Cudahy, Associate Dean  
Christine R. Finnan, Associate Dean  
H. Thomas Hallberg, Director  
Office of Certification and Clinical Practice

Degrees offered (majors):

- Bachelor of Science
  - Athletic Training
  - Elementary Education
  - Physical Education
  - Exercise Science Concentration
  - Health Promotion Concentration
  - Teacher Education Concentration

- Special Education

Minors

- Health
- Secondary Education for majors in:
  - Biology
  - Chemistry
  - Classics (Latin)
  - English
  - French
  - German
  - Mathematics
  - Physics
  - History (social studies)
  - Political science (social studies)
  - Sociology (social studies)
  - Spanish

The mission of the School of Education 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. In pursuit of this mission, faculty and candidates will demonstrate: 1) intellectual curiosity and rigor; 2) reflective, research-based practice; 3) collaboration and consensus building; 4) field-oriented service and community outreach; and 5) cultural sensitivity and understanding.

In cooperation with other academic departments, the School of Education provides teacher certification programs for candidates who seek to become certified teachers in secondary schools. This option is available for candidates who major in biology, chemistry, classics (Latin), English, French, German, history (certification in social studies), mathematics, physics, political science (certification in social studies), sociology (certification in social studies), and Spanish.

Candidates interested in a teacher education program should contact the director of certification and clinical practice to declare a major/minor and to complete a program of study to assure that courses taken to meet college requirements will also meet the requirements for the teacher education program.

N. E. Miles Early Childhood Development Center

The Miles Early Childhood Development Center is a laboratory school. The center's staff includes a director and master teachers, as well as student assistants. Faculty, staff, student, and community children are eligible for admission.

Teaching Fellows Program

See "Special Programs" section of this catalog.

Requirements for Admission to Teacher Education Programs

Until all the following requirements for admission to teacher education programs are met, you may not take any teacher education program courses except EDFS 201.

1. Complete program-specified minimum number of general education requirements.
2. Minimum cumulative GPA of at least 2.35
3. Complete all three Praxis I tests
4. Complete EDFS 201 with a grade of “C” or better
5. Evidence of qualification for teacher education program according to current Americans With Disabilities Act (ADA) requirements
6. Three assessments of dispositions to be completed by:
   - One general education professor
   - EDFS 201 instructor
   - Someone knowledgeable about candidate's involvement with children/youth
7. Supporting evidence:
   - Basic technology competency
   - Baseline self-assessment of knowledge, skills and dispositions related to the SOE Teaching and Learning Standards

Transfer students must have transcripts evaluated by the Office of the Registrar to determine general course equivalence. All education courses and those that might be considered professional education requirements will be further evaluated by the School of Education.

The teacher education program involves a combination of course work and field-based learning, culminating in a semester-long clinical practice experience. Throughout the program the candidate's progress is reviewed by a series of assessments that measure performance in relation to established standards.

Retention in Teacher Education Programs

To maintain good standing in a teacher education program and be admitted to clinical practice, the candidate must:

1. Meet criteria for performance established by program faculty
2. Maintain a minimum overall GPA of 2.50
3. Maintain a minimum specified GPA in the major.
4. Successfully complete field experience as determined by program faculty and cooperating teachers.
Clinical Practice (formerly student teaching):
Must be admitted to the Teacher Education Program one full semester prior to clinical practice.

It is the policy of the School of Education that assignments for field experience and clinical practice placements are made within the Tri-County area. If an appropriate placement is not available within the Tri-County area, the School of Education reserves the right to place the student in the closest appropriate placement.

NOTE: Required application form, results of the S.C. standardized test and required recommendation forms must be sent to the director, certification and clinical practice. 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.

Taking additional coursework during the clinical practice semester is discouraged.

Certification to teach is granted by the South Carolina State Department of Education. To receive a certificate, a candidate must complete an approved degree program and be recommended by the School of Education. The following requirements must be met before the School of Education recommends a candidate for certification: successful completion of clinical practice; a passing score on the PRAXIS Series: National Teacher Examination (professional knowledge and specialty area) or the state-sponsored exam for German and Latin; successful completion of all requirements and activities as described by the faculty at the College of Charleston; and demonstration of professional and ethical behaviors considered necessary for successful teaching.

NOTE: Completion of approved programs does not automatically ensure certification recommendation by the department and School of Education. Although completion of the approved program of study will usually result in recommendation, it may in fact be withheld as the result of failure to satisfactorily complete the requirements. If a candidate does not adhere to the activities as described by the faculty review committee, for example, by a) substandard performance during clinical practice, b) failure to pass the area exams (PRAXIS Series), or c) failure to change behaviors which are considered to be impediments to successful teaching, recommendations may be withheld.

Title II Report Card
The College of Charleston Title II Report Card can be located by going to the School of Education Website, www.cofc.edu/SchoolofEducation/. Additionally, copies of the report can be requested by contacting the director of certification and clinical practice at (843) 953-5613 or 9 College Way, College of Charleston, Charleston, S.C. 29424. To discuss the College of Charleston Title II Report Card, contact the dean of the School of Education at (843) 953-5613.

For the purpose of Title II reporting, a program completer is defined as a candidate who has completed an approved teacher education program and qualifies for an initial teaching certificate in South Carolina.

Foundations, Secondary and Special Education (EDFS)
(843) 953-5613  www.cofc.edu/SchoolofEducation/edfs.html

Robert F. Perkins, Chair
Professors
Robert E. Fowler
Michael E. Skinner
Frances C. Welch

Associate Professors
Sherrie L. Bettenhausen
Diane C. Cudahy
Susan P. Gurganus
Monica A. Janas
Denis W. Keyes
mutindi ndunda
Robert F. Perkins
Meta L. Van Sickle
Richard B. Voorneveld

Assistant Professors
Angela R. Cozart
Bonnie McCarty
Julie D. Swanson

Senior Instructor
Deborah D. Euland

The department’s mission, in support of the School of Education’s mission, prepares competent special education and secondary education teachers, provides foundation and technology studies to candidates in all initial and advanced education degree programs, and offers study in English as a Second Language. Our work is grounded in the School of Education Dispositions and Teaching and Learning Standards.

The major in special education is a performance-based program of study designed to prepare candidates to teach students with emotional, learning and/or mental disabilities in pre-K through grade 12 settings or as professionals in other service delivery systems for individuals with disabilities.

Special Education Program (K-12)

Major Requirements: 56 hours
The general education requirements are the same as for the School of Education (see beginning of the School of Education section) with the exception of the third lab science and the communications skills course.

Required courses
EDFS 201 Introduction to Education
EDFS 303 Human Growth and the Educational Process
EDFS 305 Technology for Teachers
EDFS 326 Computer Based Classroom Management
EDFS 345 Introduction to Exceptional Children and Youth
EDFS 411 Introduction to Curriculum and Instruction for Students with Disabilities
EDFS 412 Social Competence Instruction for Students with Disabilities
EDFS 413 Field Experience in the Instruction of Students with Disabilities (6 hrs.)
EDEE 425 Teaching Reading and Language Arts to Students with Disabilities
EDFS 437 Educational Assessment of Students with Disabilities

Select Strand:
Students with Disabilities: ED/LD
EDFS 351 Characteristics of Students with Emotional Disabilities
EDFS 352 Characteristics of Students with Learning Disabilities
EDFS 427 Mathematics for Students with Disabilities

or
Students with Disabilities: ED/MD
EDFS 353 Characteristics of Students with Mental Disabilities
EDFS 351 Characteristics of Students with Emotional Disabilities
EDFS 422 Educational Procedures for Students with Mental Disabilities

Students seeking recommendation for South Carolina licensure in emotional disabilities, learning disabilities and/or mental disabilities must complete the program of study above and meet the program’s performance-based standards. They must also meet the admission, retention and exit requirements of the program and the School of Education, including clinical practice and nonviolent crisis intervention training, and pass the special education PRAXIS exams required by the South Carolina Department of Education.

EDFS 440 Clinical Practice in Special Education (12 hrs.)
EDFS 500 Nonviolent Crisis Intervention (1 hr.)
Secondary Education Program  
(Grades 7–12)*  
In cooperation with other academic departments, the Department of Foundations, Secondary, and Special Education provides teacher certification programs for candidates who seek to become certified teachers in secondary schools. This option is available for students who major in biology, chemistry, classics (Latin), English, French, German, history (certification in social studies), mathematics, physics, political science (certification in social studies), sociology (certification in social studies), and Spanish. For content major requirements, see relevant departments.

Requirements:
To successfully complete the secondary teacher certification program, candidates must fulfill all requirements for the major, and the admission, retention, and exit requirements of the teacher certification program, including clinical practice.

Courses in the major:
EDFS 201 Introduction to Education
*EDFS 303 SEC Human Growth and the Educational Process (25 hour field experience)
*EDFS 326 SEC Technology for Teachers (25 hour field experience)
*EDFS 330 SEC Classroom Management (25 hour field experience)
EDFS 345 Introduction to the Education of Exceptional Children and Youth
EDFS 455 Literacy and Assessment in the Content Areas (15 hour field experience)
EDFS 456 Teaching Strategies in the Content Areas (35 hour field experience)
EDDS 460 Clinical Practice in the Content Areas

Students in the Secondary Education Program are required to enroll in the SEC sections for each of the courses marked with an asterisk. Each course requires a school-based field experience. Students will need a three-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.

Physical Education Program  
(Grades PK-12)*

The School of Education provides a teacher certification program for candidates majoring in physical education and health who seek to become certified physical education teachers.

Requirements:
To successfully complete the physical education teacher certification program, candidates must fulfill all requirements for the major and the admission, retention, and exit requirements of the teacher certification program, including clinical practice.

Courses in the major:
EDFS 201 Introduction to Education
EDFS 303 Human Growth and the Educational Process
EDFS 326 Technology for Teachers
EDFS 330 Classroom Management

*NOTE: Candidates must contact the director of certification and clinical practice for admission to the program.

Clinical Practice (formerly student teaching)
It is the policy of the School of Education that assignments for field experience and clinical practice placements are made within the Tri-County area. If an appropriate placement is not available within the Tri-County area, the School of Education reserves the right to place the candidate in the closest appropriate placement.

NOTE: Completion of approved programs does not automatically ensure certification recommendation by the department and School of Education. Although completion of the approved program of study will usually result in recommendation, it may in fact be withheld as the result of failure to satisfactorily complete the requirements. If a candidate does not adhere to the activities as described by the faculty review committee, for example, by a) substandard performance during clinical practice, b) failure to pass the area exams (Praxis Series), or c) failure to change behaviors which are considered to be impediments to successful teaching, recommendations may be withheld.

Elementary and Early Childhood Education  
(EDEE)

(843) 953-5613
www.cofc.edu/~eece/ede

This program is designed for students who intend to become certified in early childhood, elementary, or middle grades.

Linda H. Fitzharris, Chair

Professors
Mary E. Blake
Linda C. Edwards
Charles E. Matthews
Martha L. Nabors

Associate Professors
Olaiya E. Alia
Virginia B. Bartel

N. Amanda Branscombe
Christine R. Finnan
Linda H. Fitzharris
Genevieve H. Hay
Sara Davis Powell

Assistant Professors
Candace Jaruszewicz
Margaret C. Hagood

Instructor
Judy Trotter

Early Childhood (PK-3) or Elementary Education Majors (2–6)

Requirements 38 hours
South Carolina has adopted three new levels of teacher certification: early childhood (pre-K–3), elementary (2–6), and middle grades (5–8). We are in the process of implementing a new curriculum to address the changes. For all majors, the first semester of courses above EDEE 201 will be:

EDFS 303 Human Growth and the Educational Process
EDEE 323 Development of Mathematical Thinking
EDEE 325 Language and Literacy Development
EDEE 326 Introduction to Educational Technology
EDEE 327 Learner Development and the Context of Learning

These courses will also be available for the fall 2003 semester. New courses will be phased in during the spring 2004 semester.

EDFS 201 Introduction to Education
EDFS 303 Human Growth and the Educational Process
EDEE 316 Teaching of Creative Arts
EDEE 321 Teaching Health and Physical Education
EDEE 323 The Development of Mathematical Thinking
EDEE 325 Language and Literacy Development
EDEE 327 Learner Development and the Context of Learning
EDFS 326 Technology for Teachers
EDEE 385 Teaching of Language Arts*
EDFS 330 Classroom Management
EDEE 390 Social Studies and Humanities for Teachers
Physical Education and Health (PEHD)

(843) 953-5558
www.cofc.edu/~pehd

Thomas D. Langley, Chair
Professor
Deborah A. Miller
Associate Professors
Susan Balinsky
William Barfield
Thomas D. Langley
Andrew H. Lewis
Susan Rozzi
Assistant Professors
John Dobson
Edith Ellis
John Kresse
Robert Lindsay
Noah Wasielewski

Middle School Education Program Requirements (Grades 5–8)

All the requirements for a teacher education program in elementary education.

Four additional content courses as well as:

EDEE 515 Middle School Organization and Curriculum

An 18-hour specialty requirement in two of four designated subject areas (language arts, science, social studies, mathematics) for all middle school majors.

Completion of approved programs does not automatically ensure certification recommendation by the department and School of Education. Although completion of the approved program of study will usually result in recommendation, it may in fact be withheld as the result of failure to satisfactorily complete the requirements. If a student does not adhere to the activities as described by the faculty review committee, for example, by a) substandard performance during clinical practice, b) failure to pass the Professional Knowledge and Area Exams (Praxis Series), or c) failure to change behaviors which are considered to be impediments to successful teaching, recommendations may be withheld.

Core Requirements for Athletic Training and Physical Education (19 hours):

HEAL 216 Personal and Community Health
PEHD 201 Introduction to Physical Education
PEHD 330 Kinesiology
PEHD 340 Exercise Physiology and Lab
PEHD 431 Tests and Measurements
PEHD 458 Organization and Administration of Physical Education

B.S. in Athletic Training

The Athletic Training Education Program (ATEP) is accredited by the Commission on Accreditation of Allied Health Education Programs (CAATHEP). 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. This degree program also prepares students for advanced studies in medicine (physician assistant, physician), physical therapy, and other allied health professions. Candidates must make application to and be selected into this program.

Upon completion of the ATEP, the candidate is eligible for the National Athletic Trainers Association, Board of Certification (NATA-BOC) administered certification examination. Once a student athletic trainer passes the certification examination, s/he may use the designation “ATC.”

Major Course Requirements: 60 hours

In addition to the 19 hours of core courses required for the major:

HEAL 257 Nutrition Education
HEAL 347/L Emergency Preparedness and First Aid w/lab
PEHD 245/L Beginning Athletic Training w/lab
PEHD 345/L Advanced Athletic Training w/lab
PEHD 365 Identification and Treatment of Activity Related Injury and Illness
PEHD 375 Clinical Education Experience in Athletic Training
PEHD 430 Therapeutic Exercise
PEHD 437 Therapeutic Modalities

A minimum 12-hour cognate:

CHEM 101/L General Chemistry w/lab
CHEM 111/L Principles of Chemistry w/lab
CHEM 102/L Organic and Biological Chemistry w/lab
CHEM 112/L Principles of Chemistry w/lab

PHYS 101/L Introductory Physics w/lab
PHYS 102/L Introductory Physics w/lab

Athletic Training Education Program Application Process

Candidates may make application to the Athletic Training Education Program during the fall semester in which they are enrolled in PEHD 245 and PEHD 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 coordinator of athletic training education 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 both the traditional collegiate, high school, and semi-professional venues and the non-traditional setting of the sports medicine clinic, as well as other athletic health care settings. Program candidates 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 working towards a degree.
2. Completed or enrolled in the following courses:
   - PEHD 201 Introduction to Physical Education
   - PEHD 245 Beginning Athletic Training
   - PEHD 245L Beginning Athletic Training Laboratory
3. Completion of 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 certified athletic trainer (ATC)
4. Completion of written application that includes demographic information along with a statement of professional intent.
5. Completion of health and technical standards as detailed in the application packet.
6. Possess a current overall GPA of 2.50
7. Earn a grade of "B" or higher in PEHD 245 and PEHD 245L.
8. Interview with the athletic training education program staff and faculty.

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

B.S. in Physical Education

Major Requirements

This is a three-concentration major in physical education. Candidates may elect to enter a program in exercise science, health promotion, or teacher education (sport pedagogy). It is possible, but not usual, for a candidate to complete two concentrations. Prospective majors should plan to take PEHD 201 early in their studies because it is a prerequisite for all PEHD courses 300-level or higher. Regardless of the concentration selected, all physical education majors take a common core of courses. In addition to the major core of 19 hours, candidates are required to take a professional track sequence of 17–24 hours depending on the concentration selected, and a minimum of 12 hours of course work in a related cognate area.

Concentration in Health Promotion

Given the enormity of the health problems facing this nation and the possibility of future employment which emphasizes health promotion and wellness, the department has developed a professional track of study for the physical education major who wishes to expand his or her knowledge in the health promotion field.

Health education is an exciting and growing profession that can lead to jobs in public health agencies, voluntary nonprofit organizations, schools/colleges/universities, medical care settings, business/industry, and more. Health promotion is a specialized area within this field.

A diverse background with various certifications (e.g. CPR, first aid, certified aerobics instructor) is suggested.

Candidates in this concentration should plan to complete a cognate of 12 hours in sociology or psychology. However, with the careful selection of courses, a candidate may complete a minor (18 hours) in either area.

Requirements: 49 hours

In addition to the 19 hours of core courses required for the major:

- HEAL 225 Consumer Health
- HEAL 240 Worksite Wellness
- HEAL 257 Nutrition Education
- HEAL 325 Worksite Health Promotion

A minimum 12-hour cognate:

- PSYC 103 General Psychology
And an additional nine hours in psychology
- SOCY 101 Introduction to Sociology
And an additional nine hours in sociology

*Include six of these hours as general degree social science requirements.

Concentration in Exercise Science

Candidates in the exercise science concentration should plan to continue their studies in a graduate or professional program in exercise science, physical therapy, occupational therapy, physician's assistant or medical school. The academic advisor will recommend courses that will fulfill degree requirements at the college and also the prerequisites for entrance into a graduate or professional program. Applications for an exercise science internship will be taken during the fall of the junior year (see internship requirements in the departmental handbook). Interns have an opportunity to work in several different rehabilitation centers in the area. Occasionally a bachelor's degree with an emphasis in exercise and sport science might meet minimum employment qualifications; a master's degree is recommended.

Requirements: 50 hours

In addition to the 19 hours of core courses required for the major:

- HEAL 347/L Emergency Preparedness and First Aid w/lab
- PEHD 210 Concepts in Fitness Assessment and Exercise Prescription
- PEHD 225 Motor Learning and Development
- PEHD 330 Therapeutic Exercise
- PEHD 337 Therapeutic Modalities
- PEHD 440 Biomechanics

A minimum 12-hour cognate selected from:

- CHEM 101/L General Chemistry w/lab or CHEM 111/L Principles of Chemistry w/lab
- CHEM 102/L Organic and Biological Chemistry w/lab or CHEM 112/L Principles of Chemistry w/lab
- PHYS 101/L Introductory Physics w/lab
- PHYS 102/L Introductory Physics w/lab

Concentration in Teacher Education (Sport Pedagogy)

Candidates interested in teaching physical education PK–12 in the public schools should concentrate on studies in this area. All candidates intending to complete a teacher education program are urged to meet with the department chairperson as soon as possible, preferably in the freshman year. Early advising is necessary to ensure that their program of study includes the specific courses required under the general degree requirements of the college as well as...
all requirements for the physical education major and teacher certification programs.

NOTE: This program is approved by the South Carolina Board of Education in conjunction with the National Council for Accreditation of Teacher Education (NCATE).

Requirements: 57 hours
In addition to the 19 hours of core courses required for the major:
PEHD 202 Laboratory Activities in Physical Education
PEHD 222 Analysis and Conduct of Lifetime Activities
PEHD 223 Analysis and Conduct of Team Sports
PEHD 235 Motor Learning and Development
PEHD 250 Dance and Rhythms
PEHD 352 Physical Education for Elementary Schools
PEHD 355 Sport Psychology
PEHD 452 Physical Education for Middle/Secondary Schools
PEHD 457 Adapted Physical Education

12-hour cognate:
EDFS 210 Introduction to Education
EDFS 303 Human Growth and the Educational Process
EDFS 326 Technology for Teachers
EDFS 330 Classroom Management
In addition to the above requirements, students wishing to be recommended to the South Carolina State Department of Education for teacher licensure must also enroll in and satisfactorily complete clinical practice (EDFS 460) in the content area (12 hours).

NOTE: Completion of approved programs does not automatically ensure certification recommendation by the department and School of Education. Although completion of the approved program of study will usually result in recommendation, it may in fact be withheld as the result of failure to satisfactorily complete the requirements. If a candidate does not adhere to the activities as described by the faculty review committee, for example, by a) substandard performance during clinical practice, b) failure to pass the area exams (Praxis Series), or c) failure to change behaviors which are considered to be impediments to successful teaching, recommendations may be withheld.

Health Minor
This minor is available to any student not majoring in physical education.

In order to declare a health minor, the student must meet with the health coordinator to complete a program of study.

NOTE: The maintenance of a minimum GPA of 2.00 in the health minor course work is required for successful certification of the health minor on the student's transcript.

Minor Requirements: 18 hours*
The minor must include the following four courses:
HEAL 216 Personal and Community Health
HEAL 217 Human Sexuality
HEAL 225 Consumer Health
HEAL 257 Nutrition

An additional six hours of electives must be chosen from among the following:
BIOL 204 Man and the Environment
HEAL 240 Worksite Wellness
HEAL 317 Sexual Behavior and Relationships
HEAL 320 Special Topics
HEAL 323 Women's Health Issues
HEAL 325 Health Promotion
HEAL 347 First Aid and Emergency Preparedness
HEAL 390 Chronic and Communicable Diseases
HEAL 401 Health Independent Study
PSYC 333 Health Psychology
SOCY 336 Death and Dying

*At least nine hours in the minor at the 200 level or above must be earned at the College of Charleston.
School of Humanities and Social Science

Samuel M. Hines, Jr., Dean

Bachelor of Arts

Classical Studies
Communication
Communication Studies
Media Studies
Corporate Communication

English
French
German
History
Western Civilization before 1715
Europe since 1715
Asia, Africa, Latin America
United States

Philosophy
Political Science
Religious Studies
Spanish
Urban Studies

Communication Studies
Creative Writing
Criminal Justice
(see Interdisciplinary Minors)

Bachelor of Science

Anthropology
Psychology
Sociology

Minors
African American Studies
African Studies
American Studies
Anthropology
Asian Studies

History (Social Studies)
Political Science (Social Studies)
Sociology (Social Studies)
Spanish

Other Language Courses
Arabic
Chinese
Greek
Ancient
Modern
Hebrew
Italian
Japanese
Portuguese
Russian

Anthropology

(843) 953-5738
www.cofc.edu/~soc_anth

Christine A. Hope, Chair
Barbara Borg, Director

Professors
Brad R. Huber
John H. Rashford

Associate Professors
Barbara E. Berg
Dana A. Cope
Christine A. Hope

Assistant Professors
Maureen Hays
E. Moore Quinn
Anthropology, through its global and comparative approach, explores human biological and cultural diversity both in the past and in the present. Anthropology is traditionally divided into four subdisciplines (biological anthropology, archaeology, anthropological linguistics, and cultural anthropology) through which it is linked to other social sciences, the natural sciences, and humanities.

Major Requirements: 34 hours

ANTH 101 Introduction to Anthropology
ANTH 201 Comparative Social Organization
ANTH 202 Archaeology
ANTH 203 Introduction to Biological Anthropology
ANTH 205 Language and Culture
ANTH 210 History of Anthropological Theory
ANTH 491 Research Methods or ANTH 493 Field School in Archaeology

Twelve additional hours of 200-level (or higher) anthropology courses, one of which must be a geographic area course (326).  

NOTE: 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 two semesters after declaration of an anthropology major.

Minor Requirements: 18 hours

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

Electives: nine additional hours in anthropology.

---

Communication

(843) 953-7017
www.cofc.edu/communication

Douglas Ferguson, Chair

Professor

Douglas Ferguson

Associate Professors

Lynn Cherry
Kathleen DeHaan
Tom Henney
Chris Lamb
Kirk Stone

Assistant Professors

Vince Benigni
Julie Davis
Bethany Goodier
Celeste Lacroix
Lynette Long
Shirley L. Moore
Michael Reardon
Gregory C. Schmitt
Robert Westerfellhaus

Senior Instructors

Tony Chowning
Anne Fox

Communication is the inheritor of a long and honored tradition. Since the ancient Greeks, the study of rhetoric (the art of effective discourse) has been recognized as a key element of humane learning. It formed one of the seven liberal arts of education in medieval Europe. Modern communication curricula provide students with a comprehensive knowledge of the nature of human communication, the symbol system by which it occurs, its media, and its effects. As a field of study, the department contributes to a liberal education and provides basic preparation for either graduate study or careers in communication. Employment opportunities exist in organizational and industrial institutions, public relations and advertising agencies, the mass media, and civil and social agencies.

The communication major has three concentration areas: communication studies, media studies, and corporate communication.

NOTE: All grades in communication courses will count toward a student’s GPA in the major. Grades in other courses that are not a part of a student’s declared track will not count toward that student’s major GPA.

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Major Requirements: 36 hours (except 39 hours for corporate concentration)

Concentration in Communication Studies

At least 15 hours must be 300/400-level communication courses from the communication studies concentration.

Required courses:

COMM 104 Public Speaking
COMM 210 Introduction to Communication Studies

Writing: Choose one course from:

COMM 230 Writing for the Mass Media
COMM 332 Business Communication

Theory: Choose one course from:

COMM/ENGL 382 Theories of Rhetoric
COMM 384 Ethics in Communication

Fundamentals: choose two courses from:

COMM 211 Oral Interpretation
COMM 213 Debate

Advanced skills: choose one from:

COMM 320 Advanced Interpersonal Communication
COMM 324 Speechwriting
COMM 330 Advanced Oral Interpretation
COMM 331 Advanced Public Speaking
COMM 333 Advanced Argumentation and Debate Research

Applications: choose two from:

COMM 365 American Public Address
COMM 370 Gender Communication
COMM 383 Media Criticism
COMM 387 Rhetoric of Social Movements
COMM 482 Rhetoric and Identity

Electives: at least nine hours from:

ANTH 205 Language and Culture
COMM 214 Mass Media
COMM 235 Public Relations Practices
COMM 295 Special Topics in Communication (up to six hours)
COMM 301 Communication Research Methods
COMM 325 Humor Writing
COMM 380 Studies in Communication
COMM 386 Media Law
COMM 399 Tutorial (3–12)
COMM 405 Independent Study
COMM 495 Field Internship
COMM 499 Bachelor's Essay (6)
PSYC 310 Social Psychology
PSYC 340 Nonverbal Communication
PSYC 342 Approaches to Human Communication

Any 200/300-level communication course in the communication studies concentration taken to fulfill a requirement above may be used as an elective.

**Concentration in Media Studies:**
At least 15 hours must be 300/400-level communication courses from the media studies concentration.

**Required courses:**
COMM 104 Public Speaking
COMM 210 Introduction to Communication Studies
COMM 214 Mass Media
COMM 230 Writing for the Mass Media
COMM 386 Media Law

**Theory/Research**
Choose one from:
COMM 383 Media Criticism
COMM 384 Ethics in Communication
POLS 389 Public Opinion in American Politics
PSYC 323 Mass Media and Human Development

**Advanced writing**
Choose two courses from:
COMM 322 Feature Writing
COMM 327 Sportswriting
COMM 329 Opinion Writing
COMM 332 Business Communication
COMM 335 Public Relations Writing
COMM 340 Television News Reporting
COMM 376 Public Affairs Reporting

**Visual communication**
Choose one from:
COMM 245 Introduction to Television Production

<table>
<thead>
<tr>
<th>Electives</th>
<th>Basic Photojournalism</th>
<th>Editing</th>
<th>Communication Technology and the Internet</th>
<th>Electronic Publishing and Design</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electives</td>
<td>At least three additional courses (nine hours) must be taken from the following three categories.</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

**Media Electives:**
COMM 235 Public Relations Practices
COMM 240 Introduction to Broadcast News
COMM 295 Special Topics (3–6)
COMM 301 Communication Research Methods
COMM 325 Humor Writing
COMM 365 American Public Address
COMM 380 Studies in Communication (3–6)
COMM/ENGL 382 Theories of Rhetoric
COMM 385 Advanced Photojournalism
COMM 399 Tutorial (3–12)
COMM 405 Independent Study in Communication (1–3)
COMM 407 Seminar in Communication Management
COMM 435 PR Campaigns
COMM 495 Field Internship (1–3)
COMM 499 Bachelor’s Essay (6)
ENGL 351 Studies in American Film
HIST 200 Historiography
MKTG 330 Advertising
PHIL 115 Critical Thinking
POLS 210 Introduction to Comparative Political Analysis
SOCY 271 Introduction to Social Research
THTR 350 Selected Topics in Communication Production

**Trident Technical College Electives:**
RTV 101 Audio Techniques
RTV 103 Field Operations
RTV 105 TV Studio Operation

**Liberal Arts Electives:**
NOTE: No more than one liberal arts elective course above the basic graduation requirements may be taken to complete the media studies concentration.

| Electives | Computing Concepts and Applications | Introduction to Economics |

| Electives | American Government | General Psychology | Introduction to Sociology |

Any 200/300-level communication course in the media studies concentration taken to fulfill a requirement above may be used as an elective.

**Concentration in Corporate and Organizational Communication**

**Required courses:**
COMM 104 Public Speaking
COMM 210 Introduction to Communication Studies
COMM 326 Organizational Communication
COMM 338 Principles of Microeconomics
COMM 343 Principles of Microeconomics
MKTG 302 Marketing Concepts

**Fundamentals**
Choose two from:
COMM 214 Mass Media
COMM 220 Interpersonal Communication
COMM 221 Interpersonal Communication
COMM 235 Public Relations Practices
COMM 301 Communication Research Methods

**Writing**
Choose one from:
COMM 230 Writing for the Mass Media
COMM 332 BusinessCommunication

**Law**
Choose one from:
COMM 386 Media Law
BLAW 305 Corporate Communication Law

**Theory**
Choose one from:
COMM/ENGL 382 Theories of Rhetoric
COMM 384 Ethics in Communication

**Applications/Electives**
Choose two from:
COMM 304 Training and Development
COMM 324 Speechwriting
COMM 335 Public Relations Writing
COMM 365 American Public Address
COMM 380 Studies in Communication
COMM 387 Rhetoric of Social Movements
COMM 405 Independent Study in Communication
COMM 407 Seminar in Communication Management
COMM 435 Public Relations Campaigns
COMM 495 Internship
COMM 499 Bachelor’s Essay (6)
MKTG 322 International Business
MKTG 330 Advertising
MKTG 331 Public Relations
MGMT 307 Human Resources Management
MGMT 308 Managing Diversity

Students may not receive credit for both COMM 235 Public Relations and MKTG 331 Public Relations.

Students may take only one course from the School of Business to fulfill the applications/electives component.

Communication Minor

Communication Studies Requirements: 18 hours

At least nine hours in the minor at the 200 level or above must be earned at the College of Charleston.

COMM 104 Public Speaking
COMM 210 Introduction to Communication Studies

Choose at least two of the following 200-level courses:

COMM 211 Oral Interpretation
COMM 213 Debate
COMM 220 Interpersonal Communication
COMM 295 Special Topics in Communication (3–6)

Choose at least two of the following 300-level courses (six hours):

COMM 330 Advanced Oral Interpretation
COMM 331 Advanced Public Speaking
COMM 333 Advanced Argumentation and Debate
COMM 365 American Public Address
COMM 380 Studies in Communication (3–6)
COMM 382 Theories of Rhetoric
COMM 383 Media Criticism
COMM 384 Ethics in Communication
COMM 387 Rhetoric of Social Movements
COMM 405 Independent Study in Communication (1–3)

COMM 495 Field Internship (1–3)
ENGL 334 Technical Writing

Media Studies Requirements: 21 hours

COMM 214 Mass Media
COMM 230 Writing for the Mass Media

Choose one from the following:

COMM 383 Media Criticism
COMM 384 Ethics in Communication
POLS 389 Public Opinion in American Politics
PSYC 376 Mass Media and Human Development

Choose one from the following:

COMM 322 Feature Writing
COMM 329 Opinion Writing
COMM 376 Public Affairs Reporting

Nine hours from:

COMM 210 Introduction to Communication Studies
COMM 235 Public Relations Practices
COMM 240 Introduction to Broadcast News
COMM 285 Basic Photojournalism
COMM 295 Special Topics in Communication (3–6)
COMM 340 Television News Reporting
COMM 375 Editing
COMM 380 Studies in Communication (3–6)
COMM 385 Advanced Photojournalism
COMM 386 Media Law
COMM 405 Independent Study in Communication (1–3)
COMM 495 Field Internship (1–3)
MKTG 330 Advertising
POLS 386 American Politics and the Mass Media

English

(843) 953-5664
www.cofc.edu/~english

Larry A. Carlson, Chair

Professors
Larry A. Carlson
Bonnie Devet
Conrad D. Festa (Emeritus)
Bishop C. Hunt
Caroline C. Hunt
Jeffrey L. Johnson
Bret Lott
Nan Morrison
Patricia H. Ward

Associate Professors
Paul E. Allen, Jr.
Terence Bowers
Julia Eichelberger
Susan Farrell
Joseph M. Harrison
Joseph Kelly
Simon Lewis
Scott Peeples

Assistant Professors
Doryjane Buirer
Timothy L. Carens
Carol Ann Davis
Consuela Francis
Valerie Frazier
Sylvia H. Gamboa
Kathy Gehr
Myra Seaman
Renee Tursi

Instructors
Elizabeth Baker
Frances Butler
Marie Fitzwilliam
Charles Geer
Catherine Holmes
Tiffany Paeschke
Mary Sadler
Justin Wert
Dennis Williams
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.

**Major Requirements: 36 hours**

*NOTE: Required courses must be at or above the 200 level and at least 27 hours must be selected from courses at or above the 300 level. At least two of the nine courses taken at or above the 300 level must be research (R) courses. ENGL 101 and 102 or HONS 105 and 106 are prerequisites for all English courses at or above the 200 level.*

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>ENGL 201</td>
<td>Major British Writers I</td>
</tr>
<tr>
<td>ENGL 202</td>
<td>Major British Writers II</td>
</tr>
<tr>
<td>ENGL 207</td>
<td>Survey of American Literature to the Present</td>
</tr>
<tr>
<td>ENGL 301</td>
<td>Shakespeare: The Early Period</td>
</tr>
<tr>
<td>ENGL 302</td>
<td>Shakespeare: The Later Period</td>
</tr>
</tbody>
</table>

**One pre-1700 300-level British literature course from among:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>ENGL 201</td>
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</tr>
<tr>
<td>ENGL 302</td>
<td>Shakespeare: The Later Period</td>
</tr>
</tbody>
</table>

**One post-1900 300-level British literature course from among:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 301</td>
<td>African-American Literature</td>
</tr>
<tr>
<td>ENGL 335</td>
<td>Modern Poetry</td>
</tr>
<tr>
<td>ENGL 338</td>
<td>Modern Drama</td>
</tr>
<tr>
<td>ENGL 341</td>
<td>Twentieth-Century Southern Literature</td>
</tr>
<tr>
<td>ENGL 346</td>
<td>Contemporary American Fiction</td>
</tr>
<tr>
<td>ENGL 354</td>
<td>Jewish-American Literature</td>
</tr>
<tr>
<td>ENGL 355</td>
<td>The American Short Story</td>
</tr>
<tr>
<td>ENGL 356</td>
<td>American Novel, 1900–1965</td>
</tr>
</tbody>
</table>

No more than nine hours of creative writing courses at or above the 300 level may count toward the major. For English majors, ENGL 201, 202, and 207 are prerequisites for all English courses at or above the 300 level.

If ENGL 335 or 338 is used to fulfill the post-1700 requirement, it may not be used to fulfill the post-1900 American requirement and vice versa.

**Minor Requirements**

**English: 18 hours**

At least nine hours in the minor at the 200 level or above must be earned at the College of Charleston.

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>ENGL 201</td>
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<tr>
<td>ENGL 202</td>
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</tr>
<tr>
<td>ENGL 207</td>
<td>Survey of American Literature to the Present</td>
</tr>
</tbody>
</table>

Three other courses selected from those at or above the 300 level which are applicable to the major in English.

**Creative Writing: 18 hours**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 312</td>
<td>History of the English Language</td>
</tr>
<tr>
<td>ENGL 319</td>
<td>Literary Criticism</td>
</tr>
<tr>
<td>ENGL COMM382</td>
<td>Theories of Rhetoric</td>
</tr>
<tr>
<td>ENGL 325</td>
<td>Twentieth-Century British Literature</td>
</tr>
<tr>
<td>ENGL 335</td>
<td>Modern Poetry</td>
</tr>
<tr>
<td>ENGL 356</td>
<td>Twentieth-Century American Literature</td>
</tr>
</tbody>
</table>

For the declared poetry emphasis:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 220</td>
<td>Poetry Writing I</td>
</tr>
<tr>
<td>ENGL 221</td>
<td>Poetry Writing II</td>
</tr>
<tr>
<td>ENGL 223</td>
<td>Writing Fiction</td>
</tr>
<tr>
<td>ENGL 404</td>
<td>Independent Study</td>
</tr>
</tbody>
</table>

For the declared fiction emphasis:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 220</td>
<td>Poetry Writing I</td>
</tr>
<tr>
<td>ENGL 223</td>
<td>Writing Fiction</td>
</tr>
<tr>
<td>ENGL 224</td>
<td>Advanced Fiction Writing</td>
</tr>
<tr>
<td>ENGL 404</td>
<td>Independent Study</td>
</tr>
</tbody>
</table>

**Film Studies: 18 hours**

Six hours from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>ENGL 212</td>
<td>The Cinema: History and Criticism</td>
</tr>
<tr>
<td>PHIL 185</td>
<td>Politics and Film</td>
</tr>
<tr>
<td>RELS 299</td>
<td>Religion and Film</td>
</tr>
</tbody>
</table>

Nine hours from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARTH 340</td>
<td>Selected Topics in Art History</td>
</tr>
<tr>
<td>LITR 370</td>
<td>Studies in Film and Literature</td>
</tr>
<tr>
<td>ARTH 392</td>
<td>The Camera and Visual Perception</td>
</tr>
<tr>
<td>COMM 393</td>
<td>Media Criticism</td>
</tr>
<tr>
<td>ENGL 351</td>
<td>Studies in American Film</td>
</tr>
<tr>
<td>ENGL 390</td>
<td>Studies in Film</td>
</tr>
<tr>
<td>POLS 339</td>
<td>Politics, Film, and Africa</td>
</tr>
<tr>
<td>THTR 350</td>
<td>Selected Topics in Communication</td>
</tr>
</tbody>
</table>

Three hours from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 405</td>
<td>Independent Study in Communication</td>
</tr>
<tr>
<td>ENGL 399</td>
<td>Tutorial</td>
</tr>
<tr>
<td>ENGL 404</td>
<td>Independent Study</td>
</tr>
</tbody>
</table>

**Teacher Education Program (Grades 7–12)**

After declaration of a major in English, students interested in teacher certification must meet with the director of certification and student teaching, School of Education, 953-5613. Students should apply for acceptance into this program no later than their junior year. Requirements include admission to and successful completion of the approved teacher education program.
History

(843) 953-1420/5711
www.cofc.edu/~history

W. Marvin Dulaney, Chair

Professors
M. Alpha Bah
Edmund L. Drago
Michael M. Finefrock
George W. Hopkins
L. Wayne Jordan
Stuart E. Knee
Amy Thompson McCandless
Peter McCandless
John Newell
Bernard E. Powers, Jr.
Jung-Fang Tsai

Associate Professors
Richard Bodek
Rosemary Bruna-Shute
Timothy J. Coates
W. Marvin Dulaney
William Olejniczak

Assistant Professors
Christophe Boucher
Tim Carmichael
Jason Cox
David T. Gleeson
Peter Piccione
W. Scott Poole

Associates in History
Jack F. Greene
June H. Pease
William H. Pease
Dale Rosengarten
Theodore S. Rosengarten

The study of history provides a unique perspective and understanding of the human condition, past and present. The examination and comprehension of history aids in 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, 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.

NOTES:
1. Students should review the Handbook for History Majors, available in the department office.
2. All history courses except 101--102 and 103--104 satisfy the humanities requirements.

Major Requirements: 30 hours
(Exclusive of HIST 101--102 or HIST 103--104)

Three hours from each of the following areas (12 hours total) chosen in consultation with his/her department advisor:

Pre-Modern (before 1500)
Modern Europe (since 1500)
Modern Asia, Africa, Latin America
United States

15 hours (chosen by the student in consultation with his/her department advisor) from any of the above four areas.

Three hours in a research seminar normally taken in the junior or senior year, which requires the writing of a substantial paper.

NOTES: Majors must have passed at least one 200-level course before taking a 300-level course and 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) course before seeking permission to take a research seminar, senior paper, or bachelor's essay. Exceptional students who have a particular research interest that cannot be addressed adequately in the research seminars being offered may petition the department to be allowed to satisfy this requirement by completing HIST 498 Senior Paper.

Areas of Distribution

Pre-Modern:
HIST 230 Ancient Egypt and Mesopotamia
HIST 231 Ancient Greece
HIST 232 Ancient Rome
HIST 234 Early Middle Ages
HIST 235 High Middle Ages
HIST 245 Tsarist Russia to 1796
HIST 252 Women in Europe
HIST 256 History of Science and Technology
HIST 266 Aztecs, Maya and Their Ancestors
HIST 270 Special Topics in Pre-Modern History
HIST 272 Pre-Colonial Africa

Modern Europe since 1500:
HIST 241 Special Topics in Modern European History
HIST 242 History of Modern France
HIST 244 Political and Social History of Germany from 1866 to the Present
HIST 246 Imperial Russia to 1917
HIST 252 Women in Europe
HIST 256 History of Science and Technology
HIST 257 Naval History
HIST 258 European Jewish History: Medieval to the Twentieth Century
HIST 291 Disease, Medicine and History
HIST 292 Disease and Medicine in World History
HIST 334 European Social History to 1800
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 347 Special Topics in Modern European History
HIST 354 Tudor England, 1485--1603
HIST 355 Stuart England, 1603--1714
HIST 356 Georgian Britain
HIST 357 Victorian Britain
HIST 359 Modern Jewish History: French Revolution to the Present
HIST 441 Research Seminar in Modern European History

Modern Asia, Africa, Latin America:
HIST 261 Special Topics in Modern Asia, Africa or Latin America
HIST 262 Colonial Latin America
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 263</td>
<td>Modern Latin America</td>
</tr>
<tr>
<td>HIST 264</td>
<td>Caribbean to 1800</td>
</tr>
<tr>
<td>HIST 265</td>
<td>Caribbean Since 1800</td>
</tr>
<tr>
<td>HIST 266</td>
<td>Modern Africa</td>
</tr>
<tr>
<td>HIST 276</td>
<td>Medieval Islamic Civilization</td>
</tr>
<tr>
<td>HIST 277</td>
<td>The Modern Middle East</td>
</tr>
<tr>
<td>HIST 283</td>
<td>History of Modern China</td>
</tr>
<tr>
<td>HIST 285</td>
<td>Indian Subcontinent Since 1500</td>
</tr>
<tr>
<td>HIST 286</td>
<td>History of Modern Japan</td>
</tr>
<tr>
<td>HIST 361</td>
<td>Special Topics in Modern Asia, Africa or Latin America</td>
</tr>
<tr>
<td>HIST 364</td>
<td>Sugar and Slaves in Colonial Brazil</td>
</tr>
<tr>
<td>HIST 366</td>
<td>Modern Brazil</td>
</tr>
<tr>
<td>HIST 367</td>
<td>Comparative Slavery in the Americas</td>
</tr>
<tr>
<td>HIST 372</td>
<td>North Africa (The Maghrib) Since 1800</td>
</tr>
<tr>
<td>HIST 373</td>
<td>West Africa Since 1800</td>
</tr>
<tr>
<td>HIST 377</td>
<td>Iran/Persia: From Cyrus to Ayatollah Khomeini</td>
</tr>
<tr>
<td>HIST 461</td>
<td>Research Seminar in Modern Asia, Africa or Latin America</td>
</tr>
<tr>
<td>HIST 473</td>
<td>Pan Africanism/OAU</td>
</tr>
</tbody>
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**United States:**

<table>
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<th>Course Code</th>
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<tbody>
<tr>
<td>HIST 201</td>
<td>United States to 1865</td>
</tr>
<tr>
<td>HIST 202</td>
<td>United States Since 1865</td>
</tr>
<tr>
<td>HIST 210</td>
<td>Special Topics in U.S. History</td>
</tr>
<tr>
<td>HIST 211</td>
<td>American Urban History</td>
</tr>
<tr>
<td>HIST 212</td>
<td>American Labor History</td>
</tr>
<tr>
<td>HIST 213</td>
<td>American Jewish History: Colonial Times to the Present</td>
</tr>
<tr>
<td>HIST 214</td>
<td>American Ethnic History: 1607 to the Present</td>
</tr>
<tr>
<td>HIST 216</td>
<td>African American History to 1865</td>
</tr>
<tr>
<td>HIST 217</td>
<td>African American History Since 1865</td>
</tr>
<tr>
<td>HIST 221</td>
<td>Women in the United States</td>
</tr>
<tr>
<td>HIST 222</td>
<td>History of South Carolina</td>
</tr>
<tr>
<td>HIST 224</td>
<td>History of the South to 1865</td>
</tr>
<tr>
<td>HIST 225</td>
<td>History of the South Since 1865</td>
</tr>
<tr>
<td>HIST 291</td>
<td>Disease, Medicine, and History</td>
</tr>
<tr>
<td>HIST 301</td>
<td>Colonial America, 1585–1763</td>
</tr>
<tr>
<td>HIST 302</td>
<td>Era of the American Revolution, 1763–1800</td>
</tr>
<tr>
<td>HIST 303</td>
<td>History of the United States: The Young Republic, 1800–1845</td>
</tr>
<tr>
<td>HIST 304</td>
<td>History of the United States: The Civil War and Reconstruction, 1845–1877</td>
</tr>
<tr>
<td>HIST 305</td>
<td>History of the United States: The Response to Industrialism, 1877–1918</td>
</tr>
<tr>
<td>HIST 306</td>
<td>History of the United States: Affluence and Adversity, 1918–1945</td>
</tr>
<tr>
<td>HIST 307</td>
<td>History of the United States: Gold War America, 1945–Present</td>
</tr>
<tr>
<td>HIST 310</td>
<td>Special Topics in U.S. History</td>
</tr>
<tr>
<td>HIST 311</td>
<td>Diplomatic History of the United States, 1766–1898</td>
</tr>
<tr>
<td>HIST 312</td>
<td>Diplomatic History of the United States Since 1898</td>
</tr>
<tr>
<td>HIST 320</td>
<td>Special Topics in Low Country History</td>
</tr>
<tr>
<td>HIST 323</td>
<td>Society and Culture of Early Charleston</td>
</tr>
<tr>
<td>HIST 359</td>
<td>Modern Jewish History: French Revolution to the Present</td>
</tr>
<tr>
<td>HIST 410</td>
<td>Research Seminar in U.S. History</td>
</tr>
<tr>
<td>HIST 420</td>
<td>Research Seminar in Low Country History</td>
</tr>
</tbody>
</table>

**Minor Requirements: 18 hours**

(Exclusive of HIST 101–102 or HIST 103–104)

At least nine hours in the minor at the 200 level or above must be earned at the College of Charleston.

**At least 18 hours chosen in consultation with an advisor, including either:**

- HIST 403 Reading and Independent Study
- A research seminar (depending on area) selected from:
  - HIST 410 Research Seminar in U.S. History
  - HIST 420 Research Seminar in Low Country History
  - HIST 441 Research Seminar in Modern European History
  - HIST 461 Research Seminar in Modern Asia, Africa or Latin America
  - HIST 470 Research Seminar in Pre-Modern History
- HIST 498 Senior Paper

**Electives:** six hours which may be taken in any of the four areas of concentration.

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**Teacher Education Program (Grades 7–12)**

After declaration of a major in history, students interested in teacher certification in social studies must meet with the director of certification and student teaching, School of Education 953-5613. Students should apply for acceptance into this program no later than their junior year. Requirements include admission to and successful completion of the approved teacher education program.

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**Division of Modern and Classical Languages and Literatures**

(843) 953-2315

Earl M. Rickerson, Division Head
Georgia Schau, Director
Michael Pincus, Language Resource Center

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 professionals. 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 skills upon admittance to the college, students are required to take as many as four semesters of language study or its equivalent.
Classics, German, Italian, Japanese, and Russian

(843) 953-5714
www.cofc.edu/~classics/classics.htm

Darryl Phillips, Chair
Classics

Associate Professors
J. Franklin Morris
Lawrence J. Simms

Assistant Professors
James M.L. Newhard
Darryl A. Phillips
Noelle K. Zeiner

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.

A.B. Degree in Classics: 30 hours
A minimum of 18 hours in Greek and Latin beyond the elementary level:
12 hours (beyond the elementary level) in the principal classical language
6 hours (beyond the elementary level) in the secondary classical language
Three hours in CLAS 401 Research Seminar in Classics
An additional nine hours, in any combination, from the list of approved Classics courses

A.B. Degree Requirements for Non-Classics Majors (See academic policies section of this catalog.)

B.A. Degree in Classics: 30 hours
One course (3 hours) selected from:
CLASS 101 Greek Civilization
CLASS 102 Roman Civilization
CLASS 103 Classical Mythology
CLASS 121 Classical Greece (Travel Course)
CLASS 122 Bronze Age Greece (Travel Course)
CLASS 242 Images of Women in Classical Antiquity
CLASS 253 Ancient Epic
CLASS 254 Classical Drama: Tragedy
CLASS 255 Classical Drama: Comedy
CLASS 256 Satire
CLASS 270 The Romans in Cinema
CLASS 301 Topics in Greek Literature
CLASS 302 Topics in Latin Literature
CLASS 303 Topics in Classical Civilization
An additional 15 hours, in any combination, from the list of approved classics courses. 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.

Greek Minor: 18 hours
Must be taken in the Greek language beyond GREK 102 or its equivalent.
At least nine hours in the minor at the 200 level or above must be earned at the College of Charleston.

Latin Minor: 18 hours
Must be taken in the Latin language beyond LATN 102 or 150 or their equivalents.
At least nine hours in the minor at the 200 level or above must be earned at the College of Charleston.

Classics Minor: 18 hours
At least nine hours in the minor at the 200 level or above must be earned at the College of Charleston.

German

(843) 953-6793
www.cofc.edu/~german/german.html

Tom Baginski, Director
Professor
Earl M. Rickerson
Associate Professor
Tom Baginski
Nancy Nenno

Assistant Professor
Melanie J. Manzer

Instructor
Stephen Della Lana

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.

German Major: 27 hours
Must be above GRMN 202 or 250

GRMN 313 German Conversation
GRMN 314 German Composition and Grammar
At least one 400-level course

Electives: 18 hours selected from any other courses at the 300 and 400 levels.
At least 15 hours in the major at the 200 level or above must be earned at the College of Charleston.

German Minor: 18 hours
Must be above GRMN 202 or 250
GRMN 313 (German Conversation) and GRMN 314 (German Composition and Grammar) are required. Twelve additional 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.

German Studies
(see Interdisciplinary Minors)

Italian
(843) 953-5489
www.cofc.edu/languages/italian

Massimo Maggiari, Director
Associate Professor
Massimo Maggiari

Italian Minor: 18 hours
At least nine hours in the minor at the 200 level or above must be earned at the College of Charleston.
Must be above ITAL 202 or 250
ITAL 313 Italian Conversation and Composition I
ITAL 314 Italian Conversation and Composition II

One course selected from:
ITAL 370 Italian Cinema
ITAL 328 Italian Study Abroad
ITAL 329 Study Abroad: Current Issues in Italy

Six additional courses at the 300-400 levels.

Italian Studies
(see Interdisciplinary Minors)

Japanese
(843) 953-7821
www.cofc.edu/languages/japanese.html

Yoshiki Chikuma, Coordinator
Assistant Professor
Yoshiki Chikuma

Japanese Studies
(see Interdisciplinary Minors)

Russian
(843) 953-5776
www.cofc.edu/languages/russian.html

Raisa Gomer, Coordinator
Instructor
Raisa Gomer

Russian Studies
(see Interdisciplinary Minors)

French
(843) 953-5535
www.cofc.edu/~french

Godwin Uwah, Chair

Professors
Abdellatif Attafi
Gerard Montbertrand
Norbert Schippa
Beatrice Stiglitz
Godwin Uwah

Associate Professors
Jeffrey Foster
Robyn Holman
Godwin Uwah
E. Paige Wisotzka

Assistant Professors
Anna Krauth
Robin G. McArthur
Shawn Morrison

Senior Instructor
Marlne Hiers

Instructor
Alison Smith

French cultural, economic, and political influence is being felt not only in the United States but also in many other parts of the world — in particular, areas of the Third World where French is spoken. The study of French cultural history is essential to an understanding of the meaning of Western civilization.

French Major: 33 hours
Beyond the 200 level. A minimum of 12 hours in FREN courses at the 200 level or higher must be taken in residence at the College of Charleston and/or at the University of Charleston Center in Aix-en-Provence, France.

Majors must achieve a minimum of 2.25 in all French courses.
FREN 313 French Conversation and Composition I
FREN 314 French Conversation and Composition II or FREN 350 Intensive Conversation and Composition

NOTES: 1) Some French majors may be exempt from this requirement by permission of the department chair.
2) Native speakers may be required, upon instructor's approval, to substitute FREN 313, 314 and 350 with a 400-level course.

Three courses selected from the following:
FREN 322 Survey of Literature I
FREN 323 Survey of French Literature II
FREN 324 French Civilization and Literature
FREN 325 French Civilization and Literature

At least four 400-level courses of which at least two must be selected from:
FREN 431-438 Literature Courses in the Century Category and/or
FREN 443 Literature Courses in the Genre Category

NOTE: Students may have no more than six hours total of directed reading and independent studies.

French Teacher Certification Requirements
In addition to the above core requirements, students seeking teacher certification must complete the following courses as part of their French major requirements:
FREN 341 Phonetics and Language Study
FREN 342 Advanced Grammar
FREN 350 French for Business I
FREN 351 French for Business II

French Minor: 18 hours
At least nine hours in the minor at the 200 level or above must be earned at the College of Charleston.
FREN 313 French Conversation and Composition I or FREN 314 French Conversation and Composition II or FREN 350 Intensive Conversation and Composition
Hispanic culture is an integral part of the United States. Spanish is the principal language of 21 countries with more than 365 million speakers, including approximately 40 million in the United States. Knowledge of Spanish and Hispanic culture prepares students to function effectively in the global community.

**Spanish Major: 33 hours above SPAN 202 or 250**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPAN 313</td>
<td>Spanish Composition and either</td>
</tr>
<tr>
<td>SPAN 314</td>
<td>Spanish Conversation or</td>
</tr>
<tr>
<td>SPAN 328</td>
<td>Spanish Language Study Abroad or</td>
</tr>
<tr>
<td>SPAN 312</td>
<td>Spanish as a Heritage Language (required of heritage/near-native speakers) or</td>
</tr>
<tr>
<td>SPAN 350</td>
<td>Intensive Spanish</td>
</tr>
<tr>
<td>SPAN 320</td>
<td>Introduction to the Study of Hispanic Literature</td>
</tr>
</tbody>
</table>

**One course selected from:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPAN 322</td>
<td>Civilization and Culture of Spain I or</td>
</tr>
<tr>
<td>SPAN 323</td>
<td>Civilization and Culture of Spain II or</td>
</tr>
<tr>
<td>SPAN 326</td>
<td>Latin-American Civilization and Culture I or</td>
</tr>
<tr>
<td>SPAN 327</td>
<td>Latin-American Civilization and Culture II or</td>
</tr>
<tr>
<td>SPAN 329</td>
<td>Current Issues in Spain or in the Spanish-Speaking World</td>
</tr>
<tr>
<td>SPAN 344</td>
<td>Advanced Grammar and Lexicon</td>
</tr>
</tbody>
</table>

**Two courses selected from:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPAN 361</td>
<td>Survey of Spanish Literature I or</td>
</tr>
<tr>
<td>SPAN 362</td>
<td>Survey of Spanish Literature II or</td>
</tr>
<tr>
<td>SPAN 371</td>
<td>Survey of Spanish-American Literature I or</td>
</tr>
<tr>
<td>SPAN 372</td>
<td>Survey of Spanish-American Literature II</td>
</tr>
<tr>
<td>SPAN 381</td>
<td>Introduction to Spanish Linguistics</td>
</tr>
</tbody>
</table>

Three courses at the 400 level including at least one in literature and one in linguistics

**Spanish Minor: 18 hours (above 202 or 250)**

At least nine hours in the minor at the 200 level or above must be earned at the College of Charleston.

<table>
<thead>
<tr>
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</tr>
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<tbody>
<tr>
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<tr>
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</tr>
<tr>
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<tr>
<td>SPAN 350</td>
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**Spanish Major: 33 hours above SPAN 202 or 250**

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<tr>
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<td>Current Issues in Spain or in the Spanish-Speaking World</td>
</tr>
<tr>
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**Two courses selected from:**

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<tr>
<td>SPAN 372</td>
<td>Survey of Spanish-American Literature II</td>
</tr>
<tr>
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<td>Introduction to Spanish Linguistics</td>
</tr>
</tbody>
</table>

Three courses at the 400 level including at least one in literature and one in linguistics

**Spanish Minor: 18 hours (above 202 or 250)**

At least nine hours in the minor at the 200 level or above must be earned at the College of Charleston.

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<td>Spanish Language Study Abroad or</td>
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<td>SPAN 350</td>
<td>Intensive Spanish</td>
</tr>
</tbody>
</table>

**Note:** 1) Some French majors may be exempt from this requirement by permission of the department chair. 2) Native speakers may be required, upon instructor's approval, to substitute FREN 313, 314, and 350 with a 400-level course.

**Three electives:** any 300-level (including those listed above) and/or 400-level course

**One literature course from the 400 level**

**NOTE:** For the minor to count toward the international business major, at least two of the following courses must be completed.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>FREN 380</td>
<td>Le Concept de Marketing</td>
</tr>
<tr>
<td>FREN 381</td>
<td>French for Business I</td>
</tr>
<tr>
<td>FREN 382</td>
<td>French for Business II</td>
</tr>
</tbody>
</table>

### Hispanic Studies

(843) 953-7619  
www.cofc.edu/languages/spanish

**Andrew Sobiesuo, Chair**

**Professor**  
Andrew Sobiesuo

**Associate Professors**  
José Escobar  
Herbert Espinoza  
Luis Linares-Ocanto  
Elizabeth Martínez  
Joseph Weyers  
Janice Wright

**Assistant Professors**  
Maria Fidalgo-Eick  
Elaine Griffin  
Luci Moreira  
Sarah Owens  
Silvia Rodríguez  
Félix Vásquez  
Marianne J. Verlinden

**Senior Instructors**  
Karen Berg  
Susan Turner

**Visiting Assistant Professors**  
Peter Imoro  
Sangsuk Kim  
Monica Meléndez

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 which 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., LTRF 250, French Literature of the 18th Century).

**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 (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.

**Teacher Education Program: Grades 7-12**

After declaration of a major in Latin, French, German, or Spanish, students interested in teacher cer-
Students should apply for acceptance into this program admission to and successful completion of the approved teacher education program.

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 semester hours at the college. For waivers, contact the head of the Division of Languages.

Policy on 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 placement test in the language. The placement test score determines the level at which the student will continue his or her study of the language. Transfer students with college credit in a foreign language, who wish to continue in the same language, should not take the placement test.

Students who present two or more years of high school study in a language and who do not place in the LANG 102 course or higher may take the LANG 101 course, but are encouraged to consider starting a new language.

Credit through placement may be earned for only one language, and no more than a total of 12 placement credits in that language will be awarded. Students may earn credits through placement tests as described below:

1. If the student places in, and subsequently passes, the LANG 102 or LANG 105 course with a grade of "C" or higher, six credits will be granted for the 101 and 102/105 courses. The validation course must be completed within the first two semesters of study at the College.
2. If the student places in, and subsequently passes, the LANG 201 course with a grade of "C" or higher, nine credits will be granted for the 101, 102, and 201 courses. The validation course must be completed within the first two semesters of study at the College.
3. If the student places in, and subsequently passes, the LANG 202 course with a grade of "C" or higher, 12 credits will be granted for the 101, 102, 201, and 202 courses. The validation course must be completed within the first two semesters of study at the College.
4. If the student places in, and subsequently passes, a 300-level course with a grade of "C" or higher, 15 credits will be granted for the 101, 102, 201, 202, and 203 courses. The validation course must be completed within the first two semesters of study at the College.
5. Students who pass but do not receive a grade of "C" or higher in the validation course will receive only the three credits for the validation course.
6. Students who place in a 300-level course will have satisfied the College's minimum degree requirement in languages whether or not they take a validation course.

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 Test (French, German, Spanish)

<table>
<thead>
<tr>
<th>Score</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>Will receive six semester hours credit for 202 and 313; has fulfilled general education requirement in a foreign language; may enroll in an advanced course in that language</td>
</tr>
</tbody>
</table>

AP Literature Test (French, German, Spanish)

<table>
<thead>
<tr>
<th>Score</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>Will receive six semester hours credit for 202 and a 300-level literature class (FREN 324, GRMN 365, SPAN 361 or 371)</td>
</tr>
</tbody>
</table>

AP Latin Test (all forms)

<table>
<thead>
<tr>
<th>Score</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>4-5</td>
<td>Will receive six semester hours credit for 202 and LATN 390</td>
</tr>
<tr>
<td>3</td>
<td>Will receive six semester hours for 201 and 202; has fulfilled the general education requirement in a foreign language; may enroll in an advanced course in Latin</td>
</tr>
</tbody>
</table>

NOTE: Unless otherwise indicated, all students awarded advanced placement (AP) credits and who seek to continue study of that language at the College are encouraged to take the departmental placement tests to assure proper placement levels. Except as noted above, the placement test results will not change the credits awarded. Students who receive advanced placement (AP) credits and who elect to take an additional course in that language at the College may be eligible to receive College of Charleston placement credits (see Placement Policy, above).

Language Laboratory

(843) 953-8172

The College maintains a state-of-the-art language laboratory with audio, video and computer-based multimedia work stations to supplement classroom instruction. Students of modern languages who are
enrolled in 100- or 200-level courses and designated upper-level courses are expected to make use of the language laboratory in developing listening comprehension and speaking skills. The laboratory fee supports programming services, upkeep, and operation of the facilities and the duplication and distribution of study cassettes.

Philosophy
(843) 953-5687
www.cofc.edu/~philo/dept.htm

Richard Nunan, Chair
Professors
Ned Hettinger
Glenn Lesses
Richard Nunan
Martin Perlmuter
Hugh T. Wilder

Associate Professors
Todd Grantham
Sheridan Hough
Larry Krasnoff
Shaun Nichols

Assistant Professors
Deborah Boyle
Jennifer Baker

The department offers a major's program for students interested in pursuing a concentrated study of philosophy. The major also serves those students interested in preparing either for graduate study in philosophy or for careers in such areas as law, public administration, or religion. A minor in philosophy is available for non-majors with a serious interest in philosophy.

Major Requirements: 30 hours
PHIL 220 History of Ancient Philosophy
PHIL 230 History of Modern Philosophy
PHIL 450 Seminar in Philosophy

One course selected from:
PHIL 215 Symbolic Logic I
PHIL 216 Symbolic Logic II

Six additional hours at or above the 200 level
Six additional hours at or above the 200 level

Minor Requirements: 18 hours
At least nine hours in the minor at the 200 level or above must be earned at the College of Charleston.

One course selected from:
PHIL 101 Introduction to Philosophy: Beliefs and Values
PHIL 102 Introduction to Philosophy: Knowledge and Reality

One course selected from:
PHIL 215 Symbolic Logic I
PHIL 216 Symbolic Logic II

PHIL 220 History of Ancient Philosophy
PHIL 230 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

Three additional courses in philosophy, two of which must be at or above the 200 level.

NOTE: All philosophy courses except PHIL 215 and 216 satisfy the minimum degree requirement in the humanities. Six semester hours in logic (PHIL 215 and 216) satisfy the college's minimum degree requirement in mathematics or logic. This requirement may not be met by a combination of course work in mathematics and logic.

Political Science
(843) 953-5724
www.polisci.cofc.edu

Lynne E. Ford, Chair
Distinguished Professor
William V. Moore

Professors
Arthur A. Felts
Samuel M. Hines
Philip H. Jos
David S. Mann
William V. Moore
Jack D. Parson

Jane McCollough

Assistant Professors
Marian Currinnder
Claire Curtis
Hugh T. Wilder

Political science majors are employed in a variety of occupations. Graduates are currently pursuing careers in law, business and industry, local, state, and federal government, academe, and politics.

Political science courses are available in five subfields of the discipline:
1. American politics
2. Comparative politics
3. International politics
4. Political thought and public law
5. Public administration and public policy

Additional courses which are not assigned to a particular subfield are categorized as non-subfield.

Major Requirements: 36 hours

NOTE: Beginning with majors declared on May 15, 1997 or later, majors must complete POLS 405 Capstone Seminar. Current majors are encouraged to take POLS 405. With the exception of POLS 405, required courses must be completed within the first 15 hours of political science course work.

POLS 101 American Government
POLS 103 World Politics
POLS 104 World Geography
POLS 250 Politics and Political Inquiry I
POLS 251 Politics and Political Inquiry II

(To POLS 250, required courses must be completed within the first 15 hours of political science course work.)

POLS 405 Capstone Seminar

A minimum of three semester hours in four of the five subfields of political science. Courses in the political science department normally fall into the following subfields of the discipline:

American Politics
POLS 380 State Politics
POLS 381 Urban Government and Politics
POLS 382 The Congress
POLS 383 Judicial Behavior
POLS 384 The Presidency
POLS 385 American Bureaucracy
POLS 386 American Politics and the Mass Media
POLS 387 Political Parties and Interest Groups
POLS 388 Elections, Participation, and Voting Behavior
POLS 389 Public Opinion in American Politics
POLS 390 Southern Politics
POLS 391 Extremist Politics
POLS 392 Women and Politics
POLS 393 Religion and Politics
POLS 399 Special Topics in American Politics

Comparative Politics
POLS 210 Introduction to Comparative Political Analysis
POLS 320 Politics of Western Europe
POLS 321 Politics of Latin America
POLS 322 Politics of Africa
POLS 323 Politics of East Asia
POLS 324 Politics of the Middle East
POLS 325 Politics of Central/Eastern Europe
POLS 326 Soviet and Russian Politics
POLS 328 Modernization, Dependency, and Political Development
POLS 329 Politics of Protest and Revolution
POLS 330 Comparative Gender Politics
POLS 331 The Politics of Film and Reality in South Africa
POLS 332 The Politics of Film and Reality in Latin America
POLS 333 The Politics of Contemporary Brazil
POLS 339 Special Topics in Comparative Politics

International Politics
POLS 360 International Relations Theory
POLS 361 The United States in World Affairs
POLS 362 Case Studies in Foreign Policy
POLS 363 International Law and Organization
POLS 364 International Environmental Politics
POLS 365 International Political Economy
POLS 366 International Diplomacy Studies
POLS 367 The Geography of International Conflict
POLS 379 Special Topics in International Relations

Political Thought and Public Law
POLS 220 Criminal Justice
POLS 340 Democratic and Anti-Democratic Thought
POLS 341 Constitutional Law
POLS 342 Civil Liberties
POLS 344 Jurisprudence
POLS 345 Ethics and Politics
POLS 346 Modern Ideologies
POLS 347 American Political Thought
POLS 348 Methods of Political Science
POLS 349 Contemporary Constitutional Issues
POLS 359 Special Topics in Political Thought and Public Law

Public Administration and Public Policy
POLS 200 Introduction to Public Administration
POLS 201 Introduction to Public Policy
POLS 300 Politics of the Budgetary Process
POLS 301 Politics of the Administrative Process
POLS 302 Policy Evaluation
POLS 303 Advanced Policy Studies
POLS 304 American Foreign Policy Process
POLS 305 Urbanization and Urban Geography
POLS 306 Urban Policy
POLS 307 Environmental Policy
POLS 319 Special Topics in Public Administration and Public Policy

A minimum of 12 credit hours at the 300 level or above.

Electives: Generally, students are encouraged to take courses in economics, history, philosophy, psychology, sociology, anthropology, and statistics. The appropriateness of various elective courses depends on the career plans of the individual.

NOTE: Special topics courses may be repeated if the subject matter changes.

Independent study/internship:
The student must have completed a minimum of 12 hours in political science and have an overall GPA of 2.0 and a GPA of 2.5 in political science courses in order to qualify.

NOTE: No more than six hours of independent study and six hours of internship may be applied to the major requirement.

Minor Requirements: 18 hours
At least nine hours in the minor at the 200 level or above must be earned at the College of Charleston.

POLS 101 American Government
POLS 103 World Politics
POLS 104 World Geography
POLS 250 Politics and Political Inquiry 1

At least nine additional hours in POLS courses. Six of the nine hours must be at the 300 level or above.

Teacher Education Program (Grades 7–12)
After declaration of a major in political science, students interested in teacher certification in social studies must meet with the director of certification and student teaching, School of Education, 953-5613. Students should apply for acceptance into this program no later than their junior year. Requirements include admission to and successful completion of the approved teacher education program.

Psychology
(843) 953-5590
www.cofc.edu/~psycdept/

Charles F. Kaiser, Chair

Professors
G. David Gentry
Charles F. Kaiser
Michael M. Marcell
Faye B. Steuer

Associate Professors
Trisha Folds-Bennett
Robin L. Bowers
James B. Hittner
Cynthia P. May
Kim O. May
Garrett W. Miliken
Thomas P. Ross
Susan J. Simonian
Rhonda J. Swickert
Carol C. Toris

Assistant Professors
Michael J. Cortese
Mark W. Hurd
Erin B. Rasmussen
Lisa Thomson Ross
C. Vincent Spicer

Visiting Assistant Professor
Donald Miles

The Department of Psychology offers courses in both traditional and newly developed areas of psychological investigation. The department's program prepares undergraduate majors for careers in human services.
and psychology-related fields, for graduate programs in psychology and other professions, and for careers in any field in which a liberal arts education is useful. An understanding of human behavior is relevant to any occupation or profession that involves interaction with others.

NOTE: Psychology majors and students considering psychology as a major should read Guide for Psychology Majors found on our Website.

Major Requirements: 34 hours

All of the following:
- PSYC 103 Introduction to Psychological Science
- PSYC 211 Psychological Statistics
- PSYC 220 Research Methods

Two courses selected from:
- PSYC 213 Conditioning and Learning
- PSYC 214 Physiological Psychology
- PSYC 215 Cognitive Psychology

Two courses selected from:
- PSYC 307 Abnormal Psychology
- PSYC 310 Social Psychology
- PSYC 311 Developmental Psychology

One course selected from:
- PSYC 360 Laboratory in Conditioning and Learning
- PSYC 362 Laboratory in Social Psychology
- PSYC 364 Laboratory in Physiological Psychology
- PSYC 366 Laboratory in Sensation and Perception
- PSYC 368 Laboratory in Cognitive Psychology

One course from:
- PSYC 370 Tests and Measurements
- PSYC 372 Applied Behavior Analysis
- PSYC 376 Mass Media and Human Development
- PSYC 378 Psychology of Language
- PSYC 382 Visual Perception
- PSYC 384 The Psychology of Eating and Drinking
- PSYC 386 Drugs, Brain and Behavior
- PSYC 388 Psychology of Substance Abuse
- PSYC 390 Research Design and Interpretation
- PSYC 392 Scientific Foundations of Clinical Psychology
- PSYC 394 History and Systems of Psychology
- PSYC 396 Advanced General Psychology

At least nine semester hours of psychology courses in the curriculum.

Eight semester hours of an introductory sequence in physics (excluding astronomy), biology or chemistry, of which two semester hours must be earned in the accompanying laboratories.

Minor Requirements: 18

At least nine hours in the minor at the 200 level or above must be earned at the College of Charleston.

PSYC 103 Introduction to Psychological Science
At least 15 additional hours in psychology

Religious Studies

(843) 953-5687
www.cofc.edu/~phil/Religious.html

Richard Nunnan, Chair
Lee Irwin, Director

Professors
Lee Irwin
June MCDaniel
Richard Nunnan

Associate Professors
Margaret Cormack
John Huddleston

Assistant Professor
Zeff Bjerken

Religion is a central element of human cultures, and the study of religion is an important part of liberal education. Religious studies courses at the college take an objective and impartial approach toward the study of world religions. Religious issues are discussed and sacred texts are studied from an academic rather than from a faith-oriented point of view. Courses adopt the traditional methods of social scientific, historical, philosophical, and textual scholarship.

Major Requirements: 30 hours

RELS 210 Theories in the Study of Religions
RELS 450 Senior Seminar in Religious Studies

One course selected from:
RELS 105 Introduction to World Religions
RELS 110 Approaches to Religion

One course selected from:
RELS 225 The Jewish Tradition
RELS 230 The Christian Tradition
RELS 235 The Islamic Tradition

One course selected from:
RELS 240 The Buddhist Tradition
RELS 245 The Religious Traditions of India
RELS 248 Religious Traditions of China and Japan

Minor Requirements: 18 hours

At least nine hours in the minor at the 200 level or above must be earned at the College of Charleston.

RELS 105 Introduction to World Religions

With the approval of the director of religious studies, one course (200-level or above) in a related discipline may be substituted for this religious studies course.

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 Religious Traditions of India
RELS 248 Religious Traditions of China and Japan

With the approval of the director of religious studies, one course (200-level or above) in a related discipline may be substituted for one of these religious studies courses.

NOTE: All religious studies courses satisfy the minimum degree requirement in the humanities and do so separately from philosophy courses satisfying that requirement.
Sociology
(843) 953-5738
www.cofc.edu/~soc_anth/sociology.html

Associate Professors
Christine A. Hope,
Professors
(843) 953-5738

62 • School of Humanities and Social Science

Structure social activities, as well
changed.

Sociology

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 disor­
ganize 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.

Major Requirements: 34 hours
SOCY 101 Introduction to Sociology
SOCY 202 Introduction to Social Institutions
SOCY 260 Development of Social Thought
SOCY 271 Introduction to Social Research

NOTE: SOCY 202, 260, and 271 must be taken within the
first 18 hours of the major and prior to SOCY 360 and 371.

At least one course in each of the
three areas of concentration in soci­
ology: social psychology (330s), social problems
(340s), and social organization (350s).

SOCY 360 Power and Privilege
SOCY 371 Social Research Practicum

NOTE: SOCY 360 and SOCY 371 must be taken prior to
SOCY 491.

SOCY 491 Sociology Capstone

Electives: six hours from 300- or 400-level soci­
ology courses.

MATH 104 Elementary Statistics
or a higher level statistics course.

NOTES:
1. 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.
2. Sociology majors may wish to pursue an
interdisciplinary minor in African American studies,
criminal justice, or women's studies.
3. SOCY 102 and 103 will not apply to the major or minor
in sociology nor toward the sociology GPA.

Minor Requirements: 18 hours
At least nine hours in the minor at the 200 level or
above must be earned at the College of Charleston.

SOCY 101 Introduction to Sociology
SOCY 202 Introduction to Social Institutions
SOCY 260 Development of Social Thought
SOCY 271 Introduction to Social Research

Six hours of 300-level courses in sociology

Teacher Education Program
(Grades 7-12)
After declaration of a major in sociology, students
interested in teacher certification in social studies
must meet with the director of certification and student
teaching, School of Education, 953-5613. Students
should apply for acceptance into this program no later
than their junior year. Requirements include admission
to and successful completion of the approved
teacher education program.

Urban Studies
(843) 953-8134

Jane McCollough, Director

Urban studies is a multidisciplinary major designed
to provide students with the academic foundation nec­
essary 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, history, busi­
ness administration, economics and sociology.

Major Requirements: 41 hours

NOTE: The core courses and several courses in the
concentrations have prerequisites. Students should plan
their courses of study with their faculty advisor to assure
that prerequisites are satisfied early enough in their
program so as not to interfere with enrollment.

Core Courses:
ECON 307 Urban Economics
HIST 211 American Urban History
POLS 381 Urban Government and Politics

Students may enroll in either
SOCY 351 Urban Sociology
or ANTH 351 Urban Anthropology

URST 201 Introduction to Urban Studies
NOTE: This should be one of the first courses taken.

URST 400 Practicum
NOTE: Students must obtain instructor's permission the
term before enrolling in this course.

Applied Statistics Requirements
Choose one from the following:
DSCI 323 Business Statistics
POLS 302 Policy Evaluation
PSYC 211 Psychological Statistics

SOCY 271 Introduction to Social Research

Areas of Concentration: 21 hours
NOTE: Students may select one of two areas of
concentration: urban planning and administration, or
urban policy and social problems.

Urban Planning and Administration
Three from:
ACCT 203 Financial Accounting
HHT 210 Principles and Practices in Hospitality
and Tourism
PHIL 155 Environmental Ethics
POLS 200 Introduction to Public Administration
URST 310 Urban Planning

Electives
Four from:
ACCT 204 Managerial Accounting
ARTH 245 Introduction to Architecture
ARTH 315 Urban Design Studio
ARTH 318 Preservation Planning Studio
ARTH 380 Modern Architecture
BIOL 204 Man and the Environment
ECON 304 Labor Economics
ECON 318 Macroeconomic Analysis
MGMT 307 Human Resource Management
POLS 201 Introduction to Public Policy
POLS 307 Environmental Policy
PSYC 329 Environmental Psychology
<table>
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<td>URST 499</td>
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### Urban Policy and Social Problems

**Three (no more than two from one field)** from:

- **HIST 307** History of the United States: Cold War America, 1945
- **PHIL 155** Environmental Ethics
- **POLS 201** Introduction to Public Policy
- **POLS 305** Urbanization and Urban Geography
- **SOCY 102** Contemporary Social Issues
- **SOCY 202** Introduction to Social Institutions

### Electives

**Choose four from:**

- **ECON 304** Labor Economics
- **ECON 318** Macroeconomics Analysis
- **ECON 325** Economics for Development
- **HIST 212** American Labor History
- **HIST 217** African American History Since 1865
- **HIST 225** History of the South Since 1865
- **POLS 200** Introduction to Public Administration
- **POLS 306** Urban Policy
- **POLS 387** Political Parties and Interest Groups
- **PSYC 307** Abnormal Psychology
- **PSYC 310** Social Psychology
- **PSYC 321** Industrial Psychology
- **PSYC 329** Environmental Psychology
- **PSYC 334** Psychology of Stress
- **PSYC 340** Nonverbal Communication
- **SOCY 331** Society and the Individual
- **SOCY 332** Collective Behavior
- **SOCY 341** Criminology
- **SOCY 342** Juvenile Delinquency
- **SOCY 343** Race and Ethnic Relations
- **SOCY 344** Social Gerontology
- **SOCY 358** Sociology of Organizations
- **SOCY 362** Social and Cultural Change
- **URST 398** Special Topics in Humanities
- **URST 399** Special Topics in Social Sciences
- **URST 401** Independent Study

**NOTE:** Permission of the instructor and advisor required before registration. A student may take no more than six hours of independent study.

**URST 499** Bachelor’s Essay

**NOTE:** In addition to those courses specified above as electives, any concentration courses taken beyond the minimum of three may also be counted as electives.
**School of Sciences and Mathematics**

Norine E. Noonan, Dean

**Norine E. Noonan, Dean**

The role of the School of Sciences and Mathematics is two-fold: to provide the technical dimensions of 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.

**Degrees and Programs:**

**Bachelor of Science**
- Biochemistry
- Biology
- Chemistry
- Computer Information Systems
- Computer Science
- Geology
- Marine Biology
- Mathematics
- Actuarial studies option
- Applied math option
- Discrete math option
- Pure math option
- Physics

**Interdisciplinary Minors**
- Environmental Studies
- Pre-Actuarial Studies

**Concentrations**
- Astronomy
- Engineering*
- Environmental Chemistry
- Environmental Geology
- Meteorology
- Molecular Biology

**Teacher Education Programs**
- Biology

**Chemistry**
- Mathematics
- Physics

*Program is being phased out. No new students are being admitted.

**Biology**

(843) 953-5504
www.cofc.edu/~biology

Paul Marine, Interim Chair

**Professors**
- Charles K. Blenbaun
- Louis E. Burnett
- Phillip Dustan
- David W. Owens
- Paul A. Sandifer

**Associate Professors**
- Robert T. Dillon
- Jack DiTullio
- John Fauth
- Robert C. Frankis
- Antony Harold
- Willem Hillenius
- Paul Marine
- Craig Plante
- Brian Scholens
- Allan Strand
- D. Reid Wiseman

**Assistant Professors**
- Agnes Ayme-Southgate
- Isaura DeBuron
Major Requirements

Bachelor of Science: 34 hours
BIOL 111/111L Introduction to Cell and Molecular Biology (with laboratory)
BIOL 112/112L Evolution, Ecology and Biology of Organisms (with laboratory)

Three of the following core courses:
- BIOL 311 Genetics (laboratory optional)
- BIOL 312 Molecular Biology (laboratory optional)
- BIOL 313 Cell Biology (laboratory optional)
- BIOL 321 General and Comparative Physiology or BIOL 304 Plant Physiology
- BIOL 341 General Ecology
- BIOL 350 Evolution

NOTE: Students must complete at least four biology courses with laboratories at the 300 level or above. The laboratory courses may carry separate credit or may be part of a four-credit course, independent study (HONS 398), Tutorial (BIOL/HONS 399), Bachelor’s Essay (BIOL/HONS 499), or problems courses (BIOL 450, 451) with laboratories DO NOT fulfill the laboratory requirement.

One year of physics, with labs
Chemistry through organic chemistry with labs
MATH 120 Calculus

Bachelor of Science with concentration in molecular biology: 34 hours
BIOL 111/111L Introduction to Cell and Molecular Biology (with laboratory)
BIOL 112/112L Evolution, Ecology and Biology of Organisms (with laboratory)

Two biology courses selected from:
- BIOL 304 Plant Physiology
- BIOL 321 General and Comparative Physiology
- BIOL 310 General Microbiology
- BIOL 322 Comparative Vertebrate Embryology
- CHEM 111/111L and CHEM 112/112L Principles of Chemistry
- CHEM 231/231L and CHEM 232/232L Organic Chemistry

Chemistry and biology often serve 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 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.

Instructors

Senior Instructors
- Duncan Munro
- John Peters
- Peyre Pringle

Instructors
- Stephanie Dellis
- Jean Everett
- Joyce Kille-Marino

Scott France
Melissa Hughes
Christopher Korey
Mark Lazzaro
Elizabeth Meyer-Bernstein
Susan J. Morrison
Gorka Sancho

Susan J. Morrison
Christopher Korey
Gorka Sancho
Minor Requirements: 20 hours
At least nine 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, Ecology and Biology of Organisms (with laboratory)
12 additional hours in biology at least eight of which must be at or above the 300 level
NOTE: Check the Biology Handbook for a list of courses.

Teacher Education Program
(Grades 7–12)
After declaration of a major in biology, students interested in teacher certification must meet with the director of certification and student teaching, School of Education, 953-5613. Students should apply for admission to and successful completion of the approved teacher education program.

Bachelor of Science Teaching Option: 34 hours
Biol 111/111L Introduction to Cell and Molecular Biology (with laboratory)
Biol 112/112L Evolution, Ecology and Biology of Organisms (with laboratory)
26 semester hours in courses at the 300 level or above, including:
Biol 311 Genetics (laboratory optional)
Biol 312 Molecular Biology (laboratory optional), or Biol 313 Cell Biology (laboratory optional)
Biol 321 General and Comparative Physiology or Biol 304 Plant Physiology
Biol 310 General Microbiology
Biol 323 Comparative Anatomy of Vertebrates
Biol 300 Botany or Biol 301 Plant Taxonomy or Biol 302 Plant Anatomy or Biol 303 Plant Physiology or Biol 304 Plant Physiology or Biol 344 Plant Ecology

Two of the following courses:
Biol 341 General Ecology
Biol 350 Evolution
Biol 343 Animal Behavior
One year of physics, with labs
Chemistry through organic chemistry, with labs
Math 120 Calculus

Chemistry and Biochemistry
(843) 953-5587
www.cofc.edu/~chem

James P. Deavor, Chair

Professors
Gary L. Asleson
Charles F. Beam
James P. Deavor
Marion T. Doig
Henry Donato, Jr.
Frederick Heldrich
W. Frank Kimard
Clyde R. Metz

Associate Professors
Kristin D. Kranitzman
Elizabeth M. Martin

Assistant Professors
Michelle Mac
Jason S. Overby
Pamela Rigg-Gelasco
Amy L. Rogers
Justin Wyatt

Assocites in Chemistry
W. H. Breaulee
Andrew Gelasco
Julian McGill

Research Scientist
Garnet A. Guigis

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 degrees are recommended; but these students may find that the bachelor of arts program allows more flexibility.

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 newly emerging areas of the chemical, pharmaceutical, health-care 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 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.
5. Students who have taken Hons 153/154 must take all other courses required for the major except Chem 111/112.

Major Requirements

Bachelor of science degree (pre-professional major): 44 hours
Chem 111/111L Principles of Chemistry (with laboratory)
Chem 112/112L Principles of Chemistry (with laboratory) or Hons 153/154L and 154/154L Honors Chemistry
Chem 221 Quantitative Analysis
Chem 231L Organic Chemistry (with laboratory)
Chem 232L Organic Chemistry (with laboratory)
Chem 351 Biochemistry
Chem 371 Chemical Synthesis and Characterization
Chem 441L/441L Physical Chemistry (with laboratory)
Chem 442L/442L Physical Chemistry (with laboratory)
Chem 490 Chemistry and Biochemistry Seminar
Chem 492 Senior Seminar
Chem 511 Advanced Inorganic Chemistry
Chem 512L Advanced Inorganic Chemistry Laboratory
Chem 521 Instrumental Analysis
Phys 201-Phys 202 General Physics (with laboratory)
Math 220 Calculus II
The B.S. degree in chemistry is certified by the American Chemical Society.
Bachelor of arts degree (liberal arts major): 32 hours
CHEM 111/111L Principles of Chemistry (with laboratory)
CHEM 112/112L Principles of Chemistry (with laboratory) or HONS 145C and HONS 146C Honors Chemistry (with laboratory)
CHEM 221 Quantitative Analysis
CHEM 231/231L Organic Chemistry (with laboratory)
CHEM 232/232L Organic Chemistry (with laboratory)
CHEM 351 Biochemistry
CHEM 352 Biochemistry II
CHEM 354L Biochemistry Laboratory
CHEM 441/441L Physical Chemistry (with laboratory)
CHEM 442/442L Physical Chemistry (with laboratory)
CHEM 490 Chemistry and Biochemistry Seminar
CHEM 492 Senior Seminar
CHEM 511 Advanced Inorganic Chemistry

Electives: one three-hour course at the 300 level or above, exclusive of CHEM 583.

Teacher Education Program (Grades 7–12)
After declaration of a major in chemistry, students interested in teacher certification must meet with the director of certification and student teaching, School of Education, 953-5613. Students should apply for acceptance into this program no later than their junior year. Requirements include admission to and successful completion of the approved teacher education program.

Chemistry Minor Requirements: 23 hours
 At least nine 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 441/441L, 442/442L Physical Chemistry (with laboratory)

Electives: three hours at the 300 level or above.

Biochemistry Major: 67 hours
Chemistry requirements: 40 hours
CHEM 111/111L Principles of Chemistry (with laboratory)
CHEM 112/112L Principles of Chemistry (with laboratory) or HONS 153/153L Honors Chemistry I and HONS 154/154L Honors Chemistry II
CHEM 221 Quantitative Analysis
CHEM 231/231L Organic Chemistry (with laboratory)
CHEM 232/232L Organic Chemistry (with laboratory)
CHEM 351 Biochemistry
CHEM 352 Biochemistry II
CHEM 354L Biochemistry Laboratory
CHEM 441/441L Physical Chemistry (with laboratory)
CHEM 442/442L Physical Chemistry (with laboratory)
CHEM 490 Chemistry and Biochemistry Seminar
CHEM 492 Senior Seminar
CHEM 511 Advanced Inorganic Chemistry

Biology requirements: 16 hours
BIOL 111 Introduction to Cell and Molecular Biology
BIOL 112 Evolution, Ecology and Biology of Organisms
BIOL 312 Molecular Biology
Four hours in advanced laboratory courses selected from:
BIOL 310 General Microbiology
BIOL 311 Genetics
BIOL 313 Cell Biology
BIOL 321 General and Comparative Physiology

Additional requirements: 16 hours
PHYS 201 and 202 General Physics (with laboratory)
MATH 220 Calculus II

NOTE: The degree in biochemistry is certified by the American Chemical Society.

Environmental Chemistry Certification
Students may receive certification in environmental chemistry from the American Chemical Society by completing the following courses in addition to those required for the BS in chemistry:
GEOL 101/101L Dynamic Earth (with laboratory)
GEOL 205 Environmental Geology
CHEM 522/522L Environmental Chemistry (with laboratory)
One from the following:
CHEM 528 Nuclear Radiochemistry
GEOL 350 Geochemistry

Computer Science
(843) 953-6905
www.cs.cofc.edu

Christopher W. Starr, Chair

Professors
George J. Pothering
James B. Wilkinson

Associate Professors
Anthony P. Leclerc
Bill Manaris
Renée McCauley
Christopher W. Starr

Assistant Professors
Isaac A. Green
Walter M. Pharr, Jr.

Senior Instructors
Christine L. Moore

Instructors
Paul A. Bulter
Roxann H. Stalvey

To many people, computer science means computer programming. Computer science is more than programming, however. It is a science pertaining to computers and computation. This includes the study of algorithms, the process of computation, the representation and organization of information and relationships between computers and their users.

The programs in computer science are designed to serve the needs and interests of a broad spectrum of students who see the probable interaction of computers in their present or proposed careers, while ensuring a solid foundation for those students who seek to major in computer science by providing sufficient breadth and depth in the discipline.

The bachelor of science in computer science is designed to prepare students for graduate study in computer science or for professional careers, especially in the computer industry.

NOTE: The bachelor of science in computer science program has been accredited by the Computing Accreditation Commission of the Accreditation Board for Engineering and Technology (ABET).

The bachelor of science in computer information systems is designed to prepare students for computing positions in business and industry 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 two degree programs.

There are two minor programs in computer science, one intended primarily for business majors and one for other majors.

Major Requirements

Bachelor of Science in Computer Science: 40 hours

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>CSCI 220</td>
<td>Computer Programming I</td>
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<tr>
<td>CSCI 222</td>
<td>Computer Programming I Laboratory</td>
</tr>
<tr>
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</tr>
<tr>
<td>CSCI 230</td>
<td>Data Structures and Algorithms</td>
</tr>
<tr>
<td>CSCI 250</td>
<td>Introduction to Computer Organization and Assembly Language Programming</td>
</tr>
<tr>
<td>CSCI 320</td>
<td>Programming Language Concepts</td>
</tr>
<tr>
<td>CSCI 340</td>
<td>Operating Systems</td>
</tr>
<tr>
<td>CSCI 350</td>
<td>Digital Logic and Computer Organization</td>
</tr>
<tr>
<td>CSCI 360</td>
<td>Software Architecture and Design</td>
</tr>
<tr>
<td>CSCI 362</td>
<td>Software Engineering</td>
</tr>
<tr>
<td>CSCI 462</td>
<td>Software Engineering Practicum</td>
</tr>
</tbody>
</table>

Nine hours of computer science elective courses at or above the 300 level.

MATH 120    Calculus
MATH 220    Calculus II
MATH 207    Discrete Structures I
MATH 250    Statistical Methods I
MATH 307    Discrete Structures II

Fourteen hours of science that satisfy the general education requirement for science and that can be used to satisfy requirements in the major for a bachelor of science degree in biology, marine biology, chemistry, biochemistry, geology, or physics. Students usually choose from among:

BIOL 111/111L Introduction to Cell and Molecular Biology (with laboratory)
BIOL 112/112L Evolution, Ecology and Biology of Organisms (with laboratory)
CHEM 111/111L Principles of Chemistry (with laboratory)
CHEM 112/112L Principles of Chemistry (with laboratory)

GEOL 101/101L Dynamic Earth (with laboratory)
GEOL 103/103L Environmental Geology (with laboratory)
GEOL 105/105L Earth History (with laboratory)
PHYS 201/201L General Physics (with laboratory)
PHYS 202/202L General Physics (with laboratory)

NOTE: Courses such as BIOL 101, BIOL 102, CHEM 101, CHEM 102, PHYS 120 or PHYS 130 cannot be used to satisfy this requirement.

Bachelor of Science in Computer Information Systems: 34 hours

<table>
<thead>
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<tbody>
<tr>
<td>CSCI 220</td>
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<tr>
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<tr>
<td>CSCI 332</td>
<td>Database Concepts</td>
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<td>CSCI 340</td>
<td>Operating Systems</td>
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<tr>
<td>CSCI 362</td>
<td>Software Engineering</td>
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<tr>
<td>CSCI 432</td>
<td>Concepts of Database Implementation</td>
</tr>
<tr>
<td>CSCI 462</td>
<td>Software Engineering Practicum</td>
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</tbody>
</table>

Three hours of computer science elective credit at or above the 300 level.

ACCT 203    Accounting I
ACCT 204    Accounting II
MATH 120    Calculus I
MATH 207    Discrete Structures I
MATH 250    Statistical Methods I
MATH 307    Discrete Structures II

An approved mathematics elective or DSCI 232 Business Statistics

FINC 303    Business Finance
MGMT 301    Management and Organizational Behavior

NOTE: ECON 201 Principles of Microeconomics and ECON 202 Principles of Microeconomics are prerequisites for FINC 303.

Bachelor of Arts in Computer Science: 34 hours

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>CSCI 220</td>
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<tr>
<td>CSCI 222</td>
<td>Computer Programming I Laboratory</td>
</tr>
<tr>
<td>CSCI 221</td>
<td>Computer Programming II</td>
</tr>
</tbody>
</table>

Minor Requirements

At least nine hours in the minor at the 200 level or above must be earned at the College of Charleston.

Computer Science: 25 hours

<table>
<thead>
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<tr>
<td>CSCI 462</td>
<td>Software Engineering Practicum</td>
</tr>
</tbody>
</table>

Nine hours of computer science elective courses at or above the 300 level.

MATH 105    Calculus for Business and the Social Sciences
MATH 207    Discrete Structures I

Information Systems: 25 hours

<table>
<thead>
<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>CSCI 220</td>
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<td>Software Engineering</td>
</tr>
<tr>
<td>CSCI 462</td>
<td>Software Engineering Practicum</td>
</tr>
<tr>
<td>MATH 105</td>
<td>Calculus for Business and the Social Sciences</td>
</tr>
<tr>
<td>MATH 207</td>
<td>Discrete Structures I</td>
</tr>
</tbody>
</table>

School of Sciences and Mathematics
Geology and Environmental Geosciences

(843) 953-5589
www.cofc.edu/ -geology

Mitchell W. Colgan, Chair

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Senior Instructor
Elizabeth F. K. Rhodes

Geology is the science of the Earth — including its structure, dynamics and history at many scales of inquiry. Encompassing physical, biological and chemical dimensions, its interdisciplinary nature sets it apart from the other sciences. The geologist applies all science and scientific methods to the study of the Earth and its resources. At the College of Charleston, students have the opportunity to work closely with a faculty with a diverse academic background and expertise and actively participate in 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
2. Industry and government using geographic information systems (GIS) and remote sensing
3. The petroleum and mineral resource industries
4. Environmental consulting firms and state or federal environmental regulatory agencies
5. Teaching

Major Requirements

Bachelor of Science degree: 42 hours

Core Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>GEOL 101/101L Dynamic Earth (with laboratory)</td>
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<tr>
<td>or GEOL 103/103L Environmental Geology (with laboratory)</td>
<td></td>
</tr>
<tr>
<td>or HONS 155/155L Honors Geology I (with laboratory)</td>
<td></td>
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<tr>
<td>GEOL 105/105L Earth History (with laboratory)</td>
<td></td>
</tr>
<tr>
<td>or HONS 156/156L Honors Geology II (with laboratory)</td>
<td></td>
</tr>
<tr>
<td>GEOL 210 Stratigraphy and Sedimentation</td>
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<tr>
<td>GEOL 212 Mineralogy</td>
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<tr>
<td>GEOL 232 Introduction to Petrology</td>
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<tr>
<td>GEOL 333 Paleobiology</td>
<td></td>
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<tr>
<td>GEOL 352 Structural Geology</td>
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<tr>
<td>GEOL 360 Field Studies</td>
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<tr>
<td>GEOL 492 Senior Seminar</td>
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</tbody>
</table>

Electives: nine additional hours in geology

CHEM 111/111L Principles of Chemistry (with laboratory)

CHEM 112/112L Principles of Chemistry (with laboratory)

MATH 120 Introductory Calculus

MATH 220 Calculus II (with laboratory)

PHYS 101/lOIL and PHYS 102/202L Introductory Physics (with laboratory)

PHYS 201/201L and PHYS 202/202L General Physics (with laboratory)

or

BIOL 101/101L and BIOL 102/202L Elements of Biology (with laboratory)

or

BIOL 111/111L Introduction to Cell and Molecular Biology (with laboratory)

and BIOL 112/112L Evolution, Ecology and Biology of Organisms (with laboratory)

Computer science is recommended.

Bachelor of Arts degree: 36 hours

GEOL 101/101L Dynamic Earth (with laboratory)

or GEOL 103/103L Environmental Geology (with laboratory)

or HONS 155/155L Honors Geology I (with laboratory)

or

HONS 156/156L Honors Geology II (with laboratory)

GEOL 210 Stratigraphy and Sedimentation

GEOL 212 Mineralogy

GEOL 232 Introduction to Petrology

GEOL 333 Paleobiology

GEOL 352 Structural Geology

GEOL 492 Senior Seminar

Electives: seven additional hours in geology

CHEM 101/101L and CHEM 102/102L Organic and Biological Chemistry (with laboratory)

CHEM 111/111L and CHEM 112/112L Principles of Chemistry (with laboratory)

MATH 111 Pre-Calculus Mathematics

MATH 250 Statistical Methods I

PHYS 101/101L and PHYS 102/202L Introductory Physics (with laboratory)

or

PHYS 201/201L and PHYS 202/202L General Physics (with laboratory)

or

BIOL 101/101L and BIOL 102/202L Elements of Biology (with laboratory)

or

BIOL 111/111L Introduction to Cell and Molecular Biology with laboratory

and BIOL 112/112L Evolution, Ecology and Biology of Organisms (with laboratory)

Computer science courses and GEOL 360 Field Studies are recommended.

Bachelor of Arts or Bachelor of Science degree with a concentration in environmental geology

Students electing to complete a concentration in environmental geology must complete all of the core requirements for either degree program, and

12 hours of electives to include:

- GEOL 338 Hydrogeology
- GEOL 441 Aqueous Geochemistry

Additional courses selected from the following:

- GEOL 207 Marine Geology
- GEOL 225 Geomorphology
- GEOL 300 - GEOL 305 Independent Study in Geology
- GEOL 312 Environmental Field Methods
- GEOL 314 Introduction to Remote Sensing
- GEOL 320 Earth Resources
Other suitable electives as approved by the department.

NOTE: Students electing to take independent research courses are allowed to enroll in a maximum of six credit hours of senior thesis, independent study courses, or both.

Minor Requirements: 20 hours
At least nine 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) or GEOL 105/105L Environmental Geology (with laboratory) or GEOL 105/105L Earth History (with laboratory) or HONS 155/155L Honors Geology I (with laboratory)

GEOL 101/101L Dynamic Earth (with laboratory) or GEOL 105/105L Environmental Geology (with laboratory) or HONS 156/156L Honors Geology II (with laboratory)

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.

Mathematics

(843) 953-5750 math.cofc.edu

Deanna Caveny, Chair

Professors
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W. Hugh Haynsworth
Robert J. Mignone
Robert Norton
Dinesh Sarrate
Herb Silverman
Katherine Johnston Thom
Paul Young

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James Carter
Deanna Caveny
William Golightly
Renling Jin
Martin Jones
Thomas Kunkle
Lindsay Packer

Sandra Shields
Brett Tangedal

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Thomas Ivey
Elizabeth Jurisch
Alex Kasman
Brenton Lemereur
Sandra Powers
Oleg Smirnov
James Young

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Nancy Mauldin
Ann Pellegrino

Instructors
Sofia Agrest
Debby Jeter
Mary Rivers

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 a major, two minors, and a number of service courses for various disciplines. Students who complete a bachelor of science 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 the second 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, areas which increasingly need people with skills in quantitative reasoning and problem solving to deal with statistics, technology and complicated finances. 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. These tracks are built around a common core. The core courses and requirements for each track are listed below.

Students interested in the mathematics major are not required to select a track immediately. Instead, they may focus on the first five 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 (resp., minor) will be based only on those mathematics courses that are acceptable for credit toward the major (resp., minor).

Major Requirements

Required Courses for All Options:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>MATH 120</td>
<td>Introductory Calculus</td>
</tr>
<tr>
<td>MATH 203</td>
<td>Linear Algebra</td>
</tr>
<tr>
<td>MATH 220</td>
<td>Calculus II</td>
</tr>
<tr>
<td>MATH 221</td>
<td>Calculus III</td>
</tr>
<tr>
<td>MATH 295</td>
<td>An Introduction to Abstract Mathematics</td>
</tr>
<tr>
<td>MATH XX</td>
<td>Capstone Experience</td>
</tr>
</tbody>
</table>

One of the following course/lab pairs:

<table>
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<tr>
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<tbody>
<tr>
<td>CSCI 220</td>
<td>Computer Programming I and Programming Laboratory</td>
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<tr>
<td>CSCI 222</td>
<td>Computer Programming I Laboratory or</td>
</tr>
<tr>
<td>MATH 245</td>
<td>Numerical Methods and Mathematical Computing and</td>
</tr>
<tr>
<td>MATH 246</td>
<td>Mathematical Computing and Programming Laboratory</td>
</tr>
</tbody>
</table>

The capstone experience is intended to be a culminating experience in which students build on their previous mathematics coursework. This requirement can be fulfilled by successfully completing MATH 495, MATH 490 (Practicum in Mathematics) or MATH 499 (Bachelor's Essay). There are also specific recommen-
Actuarial Studies Option:
37–43 hours in math; 55–61 hours including cognates
This track is designed to prepare students to work as actuaries in the insurance industry.
MATH 245 Numerical Methods and Mathematical Computing and
MATH 545 Numerical Analysis or
MATH 451 Linear Programming and Optimization and
MATH 452 Operations Research and
All of the following courses in business:
ACCT 203 Financial Accounting
ACCT 204 Managerial Accounting
ECON 201 Principles of Macroeconomics
ECON 202 Principles of Microeconomics
FINC 303 Business Finance
FINC 385 Principles of Insurance
NOTE: MATH 323 Differential Equations is also recommended and is a prerequisite for MATH 545.
A student who passes either of the first two exams (numbers 100 or 110) given by the Society of Actuaries may count that as the capstone experience in this track.

Applied Mathematics Option:
46 hours in math and 12-hour area of application
Applied mathematics majors, in consultation with their advisors, should develop proposed areas of application and submit them to the departmental committee on the major for evaluation, preferably before the end of their sophomore year.
MATH 245 Numerical Methods and Mathematical Computing
MATH 246 Mathematical Computing and Programming Laboratory

One of the following two-course mathematics sequences:
MATH 245 Numerical Methods and Mathematical Computing
MATH 545 Numerical Analysis or
MATH 451 Linear Programming and Optimization and
MATH 452 Operations Research and
All of the following courses in business:
ACCT 203 Financial Accounting
ACCT 204 Managerial Accounting
ECON 201 Principles of Macroeconomics
ECON 202 Principles of Microeconomics
FINC 303 Business Finance
FINC 385 Principles of Insurance
NOTE: MATH 323 Differential Equations is also recommended and is a prerequisite for MATH 545.
A student who passes either of the first two exams (numbers 100 or 110) given by the Society of Actuaries may count that as the capstone experience in this track.

Discrete Mathematics Option:
40–43 hours in math and 16 hours in computer science
This option is designed for students who are interested in both mathematics and computer science. It also serves as a valuable second major for students in computer science.
CSCI 220 Computer Programming I
CSCI 221 Computer Programming II
CSCI 222 Computer Programming II Laboratory
CSCI 325 Declarative Programming Languages
CSCI 230 Data Structures and Algorithms
CSCI 410 Automata and Formal Languages
MATH 207 Discrete Structures I
MATH 245 Numerical Methods and Mathematical Computing
MATH 246 Mathematical Computing and Programming Laboratory
MATH 303 Abstract Algebra I
MATH 305 Elementary Number Theory
MATH 307 Discrete Structures II
MATH 450 Discrete Mathematical Models
One from the following:
MATH 250 Statistical Methods I
MATH 530 Mathematical Statistics I
NOTE: MATH 545 Numerical Analysis is also recommended.

Pure Mathematics Option: 43–46 hours
This option is primarily intended for majors who will attend graduate school in mathematics. Those who select the mathematics major for its intrinsic value may also choose this option.
MATH 303 Abstract Algebra I
MATH 311 Advanced Calculus I
MATH 323 Differential Equations
One from the following:
MATH 250 Statistical Methods I
MATH 530 Mathematical Statistics I
One from the following:
MATH 403 Abstract Algebra II
MATH 411 Advanced Calculus II
MATH 421 Vector and Tensor Analysis
And
Six additional hours at or above the 200 level, of which three hours must be at the 400 level or above.

Teacher Education Program (Grades 7–12): 43 hours
After declaration of a major in mathematics in this track, students must meet with the director of certification and student teaching, School of Education, 953-5615. Students should apply for acceptance into this program no later than their junior year. Requirements include admission to and successful completion of the approved teacher education program.
MATH 250 Statistical Methods I
MATH 303 Abstract Algebra I
MATH 320 History of Mathematics
MATH 323 Differential Equations
MATH 340 Axiomatic Geometry
MATH 530 Mathematical Statistics I
One from the following:
MATH 305 Elementary Number Theory
MATH 450 Discrete Mathematical Models
Successful completion of all requirements for certification in secondary education.
Student teaching, with a written report to the mathematics department about the teaching experience, will satisfy the capstone experience requirement in this option.
Minor Requirements
At least nine hours in the minor at the 200 level or above must be earned at the College of Charleston.

Mathematics: 21-23 hours
MATH 120 Introductory Calculus
MATH 220 Calculus II
MATH 203 Linear Algebra

Ten additional hours at the 200 level or above, of which three hours must be at the 300 level or above.

Pre-Actuarial Studies
(see Interdisciplinary Minors)

Preparation for MUSC Master’s in Biometry Program
By carefully choosing the course work in our B.S. in mathematics, a student may also be able to obtain an M.S. degree in biometry from the Medical University of South Carolina, with coursework for both degrees completed within five years. This is not a formal program, but rather a consequence of careful planning. College of Charleston math majors interested in both degrees above must be earned at the College of Charleston or visit MUSC’s web page.

Physics and Astronomy
(843) 953-5593
www.cofc.edu/~physics

Jon Hakkila, Chair

Professors
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Jon Hakkila
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Laney R. Mills
J. Fred Watts

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B. Lee Lindner
William A. Lindstrom
James E. Neff
Laura R. Penny
Norris W. Preyer

Assistant Professors
Timothy W. Gibling

Senior Instructors
Mikhail Agrest
Terry Richardson
Jeffrey L. Wragg

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.

The two 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.

Major Requirements

*Bachelor of Science Degree: 43 hours

PHYS 201 General Physics
PHYS 202 General Physics
PHYS 301 Classical Mechanics
PHYS 230 Introduction to Modern Physics I
PHYS 370 Experimental Physics
PHYS 403 Introductory Quantum Mechanics
PHYS 409 Electricity and Magnetism
PHYS 419 Research Seminar
PHYS 420 Senior Research
or PHYS 499 Bachelor’s Essay

15 additional hours chosen with department approval from:

PHYS 203 Physics and Medicine
PHYS 206 Planetary Astronomy

Any 300- or 400-level physics course with a maximum of six credits total from PHYS 390 and PHYS 399.

One 200-level engineering course may also be applied to the 15 remaining hours. CSCI 220 Computer Programming I or its equivalent is strongly recommended.

*Bachelor of Arts Degree: 30 hours

PHYS 201 General Physics
PHYS 202 General Physics
PHYS 230 Introduction to Modern Physics I
PHYS 370 Experimental Physics
PHYS 419 Research Seminar
PHYS 420 Senior Research
or PHYS 499 Bachelor’s Essay

Electives: 11 additional hours in physics to be selected by the student, with the approval of the department, from physics and 200-level engineering courses with a maximum of three credits total from PHYS 390 and PHYS 399.

**NOTES:
1. Fifteen hours of mathematics are required by course prerequisites.
2. With department approval, completion with grades of at least “B” in PHYS 101 and PHYS 102 with labs, together with MATH 120 and MATH 220 may be substituted for PHYS 201 and PHYS 202.
3. With department approval, PHYS 499 may be substituted for PHYS 420.
4. Suggested programs of study leading to graduate school in physics, astronomy, astrophysics, meteorology and engineering are available from the department.

Concentration in Engineering
NOTE: This program is being phased out. No new students are being admitted.

Students must satisfy the requirements for the B.S. or B.A. and include the following courses:

ENGR 205 Statics
ENGR 206 Dynamics
ENGR 210 Circuit Analysis
PHYS 330 Introduction to Modern Physics I
PHYS 405 Thermal Physics

Concentration in Astronomy: 18 hours

Core Courses

PHYS 206 Planetary Astronomy
PHYS 311 Stellar Astronomy
PHYS 129 and 130 Astronomy I and II or, preferably, Honors Astronomy, can be used as core courses with department approval. (The department envisions approval being granted only if they do not offer the core courses in a two-year period for financial or other reasons.)

Electives:

GEOL 206 Planetary Geology
PHYS 205 Intelligent Life in the Universe
Concentration in Meteorology: 18 hours

Core courses:

Two selected from:

- PHYS 105 Introduction to Meteorology
- PHYS 308 Atmospheric Physics
- PHYS 456 Air Pollution Meteorology
- PHYS 457 Satellite Meteorology
- PHYS 458 Climate Change

Electives:

- BIOL 204 Man and the Environment
- BIOL 342 Oceanography
- CHEM 111 Principles of Chemistry
- ENVT 200 Introduction to Environmental Studies
- GEOL 205 Environmental Geology
- GEOL 220 Hydrogeology
- GEOL 290 Special Topics*
- GEOL 314 Introduction to Remote Sensing
- GEOL 442 Remote Sensing
- HONS 390 Special Topics*
- PHYS 206 Planetary Astronomy
- PHYS 298 Special Topics*
- PHYS 301 Classical Mechanics
- PHYS 306 Physical Optics
- PHYS 308 Atmospheric Physics†
- PHYS 390 Research*
- PHYS 399 Tutorial*
- PHYS 405 Thermal Physics
- PHYS 412 Special Topics*
- PHYS 415 Fluid Mechanics
- PHYS 420 Senior Research*
- PHYS 456 Air Pollution Meteorology†
- PHYS 457 Satellite Meteorology
- PHYS 458 Climate Change†
- PHYS 499 Bachelor’s Essay*

*Must involve astronomy and must be approved by the astronomy concentration program director.

**NOTE: Students must notify the astronomy concentration program director prior to graduation to receive credit for the concentration on their transcript.

Teacher Education Program (Grades 7–12)

After a declaration of a major in physics, students interested in teacher certification must meet with the director of certification and student teaching, School of Education, 953-5982. Students should apply for acceptance into this program no later than their junior year. Requirements include admission to and successful completion of the approved teacher education program.

Minor Requirements

At least nine hours in the minor at the 200 level or above must be earned at the College of Charleston.

Astronomy: 18 hours

Core courses:

- PHYS 129 and 130 Astronomy I and II or one year of Honors Astronomy or PHYS 206 Planetary Astronomy and PHYS 311 Stellar Astronomy

Electives:

- GEOL 206 Planetary Geology
- HIST 251 The Cosmos in History to 1800
- PHYS 101 Introductory Physics
- PHYS 102 Introductory Physics
- PHYS 201 General Physics
- PHYS 202 General Physics
- PHYS 205 Intelligent Life in the Universe
- PHYS 206 Planetary Astronomy†
- PHYS 298 Special Topics*
- PHYS 301 Classical Mechanics
- PHYS 306 Physical Optics
- PHYS 311 Stellar Astronomy and Astrophysics†
- PHYS 390 Research*
- PHYS 399 Tutorial*
- PHYS 412 Special Topics*
- PHYS 413 Astrophysics
- PHYS 420 Senior Research*
- PHYS 499 Bachelor’s Essay*

**NOTE: Students must notify the astronomy concentration program director prior to graduation to receive credit for the minor on their transcript.

Meteorology: 18 hours

Core courses (one from the following):

- PHYS 105 Introduction to Meteorology
- PHYS 206 Planetary Astronomy
- One year of basic physics (two courses):
  - PHYS 101 and 102 Introductory Physics including associated laboratories
    or
  - PHYS 201 and 202 General Physics including associated laboratories
    or
  - HONS 157 and 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:

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<tr>
<td>PHYS 320</td>
<td>Introductory Electronics</td>
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<tr>
<td>PHYS 330</td>
<td>Introduction to Modern Physics I</td>
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<tr>
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*must involve physics and be approved by the physics minor program director

† must involve meteorology and must be approved by the meteorology minor program director

‡ if not taken to satisfy requirements in above categories

Three-year minor program in Physics (18 hours)

- core courses: PHYS 201, PHYS 202, and a minimum of nine credits must be at the 300 level or above.
- many of these courses require prerequisites which will not count towards the minor unless they are on the list above.
- students must notify the meteorology minor program director prior to graduation to receive credit for the minor on their transcript.

Physics: 18 hours

Core courses:

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*must involve physics and be approved by the physics minor program director

† must involve meteorology and must be approved by the meteorology minor program director

‡ if not taken to satisfy requirements in above categories

Two-year minor program in Engineering Physics (18 hours)

- core courses: PHYS 201, PHYS 202, PHYS 298, and a minimum of nine credits must be at the 300 level or above.
- many of these courses require prerequisites which will not count towards the minor unless they are on the list above.
- students must notify the meteorology minor program director prior to graduation to receive credit for the minor on their transcript.

Engineering Physics: 18 hours

Students interested in medicine or dentistry are now advised to pursue one of the normal majors, as the practice of accepting students directly into medical and dental school without a bachelor’s degree has become uncommon.

To receive the B.S.D. or B.S.M. degree after completing the program, the student must address a formal application to the faculty of the College of Charleston along with an official statement from the dental school or medical school certifying that the student has successfully completed the degree requirements.

Bachelor of Science with Dentistry

To earn the bachelor of science with dentistry, a student must earn at least 92 semester hours of credit which must be earned at the College of Charleston. During their three-year residency at the college, B.S.D. candidates must meet the minimum degree requirements for all degrees, and must include in their program the following:

- Biology 8 hours
- Chemistry 16 semester hours,
- 8 hours must be in general chemistry
- 8 hours in organic chemistry
- College mathematics 6 hours
- Physics 8 hours

After their three years at the college, B.S.D. candidates complete their fourth year of work at an accredited dental school. After successfully completing this final year of work, students receive the bachelor of science with dentistry from the College of Charleston.

Bachelor of Science with Medicine

To earn the bachelor of science with medicine, students must earn at least 92 semester hours at the College of Charleston. During their three years at the College, B.S.M. candidates must complete the minimum degree requirements for all degrees, and must include in their program the following:

- Biology 8 hours
- Chemistry 16 hours,
- 8 hours must be in general chemistry
- 8 hours in organic chemistry
- College mathematics 6 hours
- Physics 8 hours

After their three years at the college, B.S.M. candidates complete their fourth year of work at an accredited medical school. Admission to such programs requires application and successful competition for admission. After successfully completing this final year of work, students receive the bachelor of science with medicine from the College of Charleston.
School of Sciences and Mathematics
Non-Degree Programs

In addition to degree programs, 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 biology. The school houses a laboratory that offers training in Geographic Information Systems (GIS).

Engineering Transfer Options

NOTE: These programs are being phased out. No new students are being admitted.

The College of Charleston has recognized the value of a liberal arts background to the technically oriented engineering curricula. In order to prepare students for the engineering profession and for their responsibilities as leaders in contemporary society, the College of Charleston currently has two engineering transfer options.

Required courses include:
- MATH 120 Introductory Calculus
- MATH 203 Linear Algebra
- MATH 220 Calculus II
- MATH 221 Calculus III
- MATH 323 Differential Equations
- PHYS 201 General Physics
- PHYS 202 General Physics
- PHYS 320 Introduction to Modern Physics I
- CHEM 111/111L Principles of Chemistry and CHEM 112/112L (with laboratory)
- ENGR 110 Engineering Graphics
- ENGR 112 Introduction to Engineering
- ENGR 205 Statics
- ENGR 206 Dynamics and possibly ENGR 210 Circuit Analysis

as well as an appropriate selection of humanities and social sciences courses.

NOTE: For further information and assistance, contact the faculty engineering advisors in the Department of Physics and Astronomy.

1. Dual Degree Option

Under this option, the student attends the College of Charleston for three years and then transfers to an engineering school to complete the engineering degree after which he or she will earn a bachelor of science degree from the College of Charleston. In some instances, summer work may be necessary. To be considered for admission to an engineering school a student must:
- Complete the prescribed engineering, math, and physics courses.
- Earn at the College of Charleston the GPA required for acceptance by the selected institution (generally 2.5 or better; see the engineering advisor for the specific GPA).

On graduation from any A.B.E.T.-accredited engineering school, the student will receive a B.S. in physics from the College of Charleston.

2. Single Degree Option

Under this option a student can transfer directly into an engineering program after two years of concentrated work at the College of Charleston, but he or she will not earn a degree from the College. Students may use this option to enter engineering schools throughout the nation.

To be considered for admission to an engineering school, a student must work with a College of Charleston engineering advisor to design a program that will minimize the time required at the engineering school. Generally, the engineering school will require a GPA of 2.5 or better. Depending on the school and the specific program, the time required at the engineering school may exceed two years.

Pre-Allied Health Programs and Cooperative Agreements

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 sciences of cytotechnology and medical technology. After completing their prerequisites, students must enter 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 Department of Biology for assignment to a pre-allied health advisor.

Dual Degree in Biology with Allied Health and Pharmacy Program

The College of Charleston has an optional dual degree program in which students can earn a degree from both the College of Charleston and other designated institutions. This option is available only to those who are accepted into and successfully complete the first year of an allied health or pharmacy program. Currently the allied health and pharmacy programs at the Medical University of South Carolina are approved; others are approved on a case-by-case basis.

Participants in the dual degree program must complete:
- Complete the prescribed engineering, math, and physics courses.
- Earn at the College of Charleston the GPA required for acceptance by the selected institution (generally 2.5 or better; see the engineering advisor for the specific GPA).

On graduation from any A.B.E.T.-accredited engineering school, the student will receive a B.S. in physics from the College of Charleston.

1. All minimum degree requirements of the College of Charleston (math, science, foreign language, history, social science, humanities according to the Undergraduate Catalog).
2. All prerequisite degree requirements of the specific allied health program.
3. At least 90 semester hours, at least 60 of which must be earned at the College of Charleston.
4. One year of chemistry with labs.
5. 12 to 14 semester hours of advanced biology selected from the following courses, taken at the College of Charleston:
   - B IOL 201 Human Physiology (4)
   - B IOL 202 Human Anatomy (4)
   - B IOL 310 General Microbiology (4)
   - B IOL 311 Genetics (3)
   - B IOL 311L Genetics Lab (1)
   - B IOL 312 Molecular Biology (3)
   - B IOL 312L Molecular Biology (1)
   - B IOL 313 Cell Biology (3)
   - B IOL 313L Cell Biology Lab (1)
   - B IOL 314 Immunology (5)
   - B IOL 320 Histology (4)
   - B IOL 321 Comparative Vertebrate Physiology (4)
   - B IOL 322 Developmental Biology [Comparative Vertebrate Embryology] (4)
   - B IOL 323 Comparative Vertebrate Anatomy (4)
   - B IOL 336 Parasitology (4)
   - B IOL 341 General Ecology (4)
   - B IOL 350 Evolution (3)
6. All courses and courses in the major area with a GPA of 2.5 at the College of Charleston (or higher if required by a specific program).
7. The first year in one of the approved, cooperating allied health or pharmacy programs (does not include nursing) in good standing, with "eligibility to continue" documented by the health professions program.

NOTE: Students interested in the dual degree allied health programs should contact a pre-allied health advisor in the Department of Biology.

In the event the allied health program is unable to verify eligibility for continuation by the deadline for the May or December graduation, completion of the dual degree will be recorded effective with the next cycle of degree awards.

The student must take an official leave-of-absence when he or she leaves the College of Charleston to attend the professional program. To graduate after the first year in the health professions program, the
Pre-Professional Nursing Curriculum

The College of Charleston offers courses that prepare students for entry into colleges of nursing, but does not have its own nursing program. 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:

**Pre-Professional Nursing Curriculum**

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. The Departments of Biology, Chemistry and Biochemistry, and Physics and Astronomy each offer particularly attractive, but different, routes to strong bachelors' degrees which will qualifiy students for entry into professional schools.

- **Biochemistry**: 0-9 hours
- **Biology**: 8-16 hours

Pre-Professional Curriculums 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. The Departments of Biology, Chemistry and Biochemistry, and Physics and Astronomy each offer particularly attractive, but different, routes to strong bachelors' degrees which will qualify students for entry into professional schools.

- **Chemistry**: 16 hours
  - eight must be in general chemistry
  - eight in organic chemistry
- **Mathematics**: two courses, including calculus (statistics is recommended)
- **Physics**: 8–12 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.

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 make application for admission for specific requirements in regards to coursework and admissions tests. Normally, students must include the following coursework as a minimum:

- **Biology**: 16 hours
  - including microbiology
- **Chemistry**: 16 hours
  - eight must be in general chemistry
  - eight in organic chemistry
- **Economics**: 3 hours
- **English composition**: 6 hours
- **History**: 6 hours
- **Interpersonal communication**: 3 hours
- **Liberal arts and humanities electives (emphasis on social sciences)**: 12 hours
- **Literature**: 6 hours
- **Mathematics**: 2 courses including calculus and statistics
- **Physics**: 8 hours
- **Psychology**: 3 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. Students who enter a pharmacy program are eligible for the dual degree in biology with allied health and pharmacy.

Additional requirements

SCAMP
(843) 953-5736
edu/~/oip/scamp.html

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, physics, or pre-engineering, and is interested in going to graduate school, is eligible. Minority students who want to become science or mathematics teachers are also eligible.

SEA Semester
(843) 953-5586

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 the 125 foot staysail schooner Westward or the 134 foot brigantine Cowith Cramer).

**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) 406-4000
www.cofo.edu/~grice

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. Courses related to the marine environment are conducted at the Grice Laboratory.
Marine Resources Library
(843) 762-5026

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/ CEFHBR/Charleston Laboratory.

Oak Ridge Associated Universities (ORAU)
(843) 953-4985
www.orau.org

Since 1996, students and faculty of the Graduate School of the College of Charleston have benefited from its membership in ORAU. ORAU is a consortium of 85 colleges and universities and a contractor for the U.S. Department of Energy (DOE) located in Oak Ridge, Tennessee. ORAU works with its member institutions to help their students and faculty gain access to federal research facilities throughout the country; to keep its members informed about opportunities for fellowships, scholarships, and research appointments; and to organize research alliances among its members.

Through the Oak Ridge Institute for Science and Education (ORISE), the DOE facility that ORAU operates, undergraduates, graduates, and postgraduates, as well as faculty, enjoy access to a multitude of opportunities for study and research. Students can participate in programs covering a wide variety of disciplines including business, earth sciences, epidemiology, engineering, physics, geological sciences, pharmacology, ocean sciences, biomedical sciences, nuclear chemistry, and mathematics. Appointment and program length range from one month to four years. Many of these programs are especially designed to increase the numbers of underrepresented minority students pursuing degrees in science- and engineering-related disciplines. A comprehensive listing of these programs and other opportunities, their disciplines, and details on locations and benefits can be found in the ORISE Catalog of Education and Training Programs, which is available at http://www.orau.gov/orise/educ.htm, or by calling either of the contacts below.

ORAU's Office of Partnership Development seeks opportunities for partnerships and alliances among ORAU's members, private industry, and major federal facilities. Activities include faculty development programs, such as the Ralph E. Powe, Jr. Faculty Enhancement Awards, the Visiting Industrial Scholars Program, consortium research funding initiatives, faculty research and support programs as well as services to chief research officers.

For more information about ORAU and its programs, contact:

Linda R. Jones, Associate Professor
ORAU Councilor, College of Charleston

Monnie E. Champion
ORAU Corporate Secretary
(865) 576-3306

or visit the ORAU homepage at http://www.orau.org.
Interdisciplinary Minors

African Studies
(843) 953-8272
www.cofc.edu/~aast
M. Alpha Bah, Coordinator

Requirements: 18 hours
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
HIST 273 Modern Africa

Nine 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 470 African Literature of French Expression
HIST 372 North Africa (The Maghrib)
HIST 373 West Africa Since 1800
HIST 473 Pan Africanism/OAU
LT 150-450 African Literature in Translation
POL 322 Politics of Africa
POL 366 International Diplomacy Studies

African American Studies
(843) 953-5711
W. Marvin Dulaney, Director

At least nine hours in the minor at the 200 level or above must be earned at the College of Charleston.

Students wishing to declare a minor in African American Studies should request the appropriate form(s) from the History department.

Requirements: 18 hours
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 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:
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 Low Country History
HIST 420 Research Seminar in Low Country History
LANG 250 West African Literature in Translation
POL 322 Politics of Africa
POL 366 International Diplomacy Studies

American Studies
(843) 953-1993
www.cofc.edu/~peeples/americanstudies.htm
Scott Peeples, Coordinator

An interdisciplinary minor in American Studies is available to students interested in an inclusive exploration of American culture and society which focuses on the interplay of American arts, literature, philosophy and political economy within historical contexts.

Requirements: 18 hours
At least nine hours in the minor at the 200 level or above must be earned at the College of Charleston.

AMST 200 Introduction to American Studies
15 additional hours selected in consultation with the American Studies coordinator.

A representative list of elective courses appears below. For a complete list, consult the American Studies coordinator or visit www.cofc.edu/~peeples/ams/courses.htm.

AMST 300 Special Topics in American Studies
ANTH 320 Peoples and Cultures of Early America
ANTH 323 African American Society and Culture
ARTH 230 Introduction to Historic Preservation
ARTH 250 American Art
ARTH 305 Pre-Columbian Art and Culture
ARTH 332 American Vernacular Architecture and Material Culture
ECON 350 Financial Markets in the U.S. Economy
ENGL 207 American Literature to World War II

SOCY 343 Race and Ethnic Relations
SOCY 363 African American Society and Culture
THTR 316 African American Theater

Special Topics
Departmental special topics and research seminar courses as appropriate, with the approval of the director.
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.

School of Business and Economics majors must complete:

ARTH 101 History of Art: Prehistory to Renaissance
or ARTH 102 History of Art: Renaissance Through Modern
or ARTH 103 History of Asian Art

ARTM 200 Introduction to Arts Management

ARTM 310 Advanced Arts Management

MUSC 131 Music Appreciation: The Art of Listening

THTR 116 Introduction to Theatre

Students who major in all other college programs must complete all the courses required of students in both the School of Business & Economics and School of the Arts.

Asian Studies

Mary Beth Heston, 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: 18 hours

At least nine hours in the minor at the 200 level or above must be earned at the College of Charleston.

ASST 101 Introduction to Asian Studies (3)

Electives: 15 hours

ASST 240 Special Topics in Asian Studies
ASST 340 Special Topics in Asian Studies
ASST 390 Independent Study in Asian Studies
JPN 313, 314 Advanced Japanese
JPN 370 Studies in Japanese Film and Literature
JPN 390 Special Topics
JPNS 313, 314 Advanced Chinese
JPNS 290 Special Topics
LTCH 250 Chinese Literature in Translation

British Studies

Amy Thompson McCandless, Coordinator

British Studies is an interdisciplinary minor designed to provide an integrative study of British life and culture throughout the ages, to examine the impact of British institutions and customs on the American experience, and to contribute to students' understanding of the global community in which they live.

Requirements: 18 hours

History, Politics, Economics, and/or Sociology/Anthropology of the British Isles (6 credits)

Choose two courses from any of the following:

HIST 354 Tudor England
HIST 355 Stuart England
HIST 356 Georgian England
HIST 357 Victorian Britain
POLS 320 Politics of Western Europe
Special Topics (if appropriate) in History, Politics, Economics, and/or Sociology/Anthropology. E.g.,
ANTH 329 Peoples and Cultures of the British Isles or Peoples and Cultures of Ireland
HIST 333 The Quest for Arthur's Britain
HIST 441 Elizabethan England
POLS 339 U.S. and British Politics in the New Millennium

Bilateral Exchange Courses at Bath-Spa University College and University College Northampton
British Studies Consortium Courses based at King's College, University of London

Literature, Art, Architecture, Drama, and/or Music of the British Isles (6 credits)
Choose two three-credit courses from the following:
ENGL 314 Non-Dramatic Literature
ENGL 308 Spenser
ENGL 311 Middle English Literature
ENGL 307 Introduction to Old English
ENGL 306 Milton
ENGL 305 Chaucer
ENGL 304 Spenser
ENGL 303 Shakespeare, Early/Later Period
ENGL 302 Major British Writers
ARTTH 340 Art, Architecture, and Preservation in Scotland
ARTTH 341 Art and Theatre in London
Bilateral Exchange Courses at University College of Northampton and Bath-Spa University College
British Studies Consortium Courses based at King's College, University of London

British Empire (3 credits)
Choose one three-credit course from the following:
HIST 364 History of the Art of India
ENGL 332 Colonial and Revolutionary American Literature
ENGL 358 Colonial and Postcolonial British Literature
HIST 264 Caribbean to 1800
HIST 265 Caribbean since 1800
HIST 273 Modern Africa
HIST 285 Indian Subcontinent since 1500
HIST 301 Colonial America
HIST 302 Era of the American Revolution
POLS 331 Politics of Film and Reality in South Africa
POLS 339 Special Topic in Comparative Politics (if appropriate)
POLS 367 Geography of International Conflict
POLS 379 Special Topic in International Relations (if appropriate)

Special Topics (if relevant to British Empire/Dominions)

Integrative Capstone (3 credits)
Choose one of the following options:
BRST 400 Capstone in British Studies
Bachelor's Essay/Senior Paper/Independent Study
Bilateral Exchange Courses at University College of Northampton and Bath-Spa University College

Criminal Justice
(843) 953-5738 or 953-5724
www.cofc.edu/CriminalJustice/
Christine A. Hope, Coordinator
Lynne E. Ford, Coordinator

The criminal justice minor is designed to provide a better understanding of the criminal justice system.

Requirements: 18 hours
At least nine hours in the minor at the 200 level or above must be earned at the College of Charleston.

Bilateral Exchange Courses at University College of Northampton and Bath-Spa University College

Environmental Studies
(843) 953-5786
www.cofc.edu/envminor
Ned Hettinger, Coordinator

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.

NOTE: This minor is not intended to be a vocational track to equip students for careers in environmental areas.

Requirements: 19 hours
(from the following three categories)

I. Natural Sciences and Mathematics

Environmental Courses

Three or more courses (at least nine hours) plus prerequisites selected from:

BIOL 204 Man and the Environment
BIOL 209 Marine Biology with lab
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 207  Marine Geology  
GEOL 225  Geomorphology, with lab  
GEOL 312  Environmental Field Methods, with lab  
GEOL 320  Earth Resources  
GEOL 338  Hydrogeology, with lab  
GEOL 449  Geographical Information Systems, with lab  
MATH 250  Statistical Methods I  
MATH 260  Mathematical Modeling & Public Decision Making  
PHYS 105  Introduction to Meteorology  
PHYS 308  Atmospheric Physics  
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 316  Ecological Anthropology  
ANTH 318  Theories for the Origin of Agriculture  
ECON 311  Environmental Economics  
PHIL 150  Nature, Technology, and Society  
HIL 155  Environmental Ethics  
PHIL 245  Environmental Philosophy  
POLS 307  Environmental Policy  
POLS 364  International Environmental Politics  
PSYC 329  Environmental Psychology  

SOGY 352  Population and Society  
SOGY 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 semester hours including:  
ENVT 200  Introduction to Environmental Studies  

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  Interdisciplinary Environmental Studies Seminar  

French Studies  

(843) 953-6529  

Norbert Scilippa, Director  

The French studies minor is an interdisciplinary approach to contemporary France and the Francophone world.  

Requirements: 18 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.  

Select one course from:  

LTFR 250  French in English Translation  
LTFR 350  Literature in English Translation: A French Author  

Select two courses from:  

FREN 324  French Civilization and Literature I  
FREN 325  French Civilization and Literature II  
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 1700-1850  
ENGL 203  Survey of European Literature (Neo-Classicism to 20th Century)  
FREN 343  La France Contemporaine  
FREN 360  French Language Study Abroad  
FREN 361  Current Issues in France and the French-Speaking World  

German Studies  

(843) 953-6793  
www.cofc.edu/~german/german.html  

Tom Baginski, Director  

The German Studies minor provides in-depth study of German history, literature, culture, and society, 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: 18 hours  

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 258  European Jewish History: Medieval to the 20th Century  
HIST 344  Modern European Cultural History  
HIST 345  Modern German Cultural and Intellectual History  
MUSC 315  Masterworks of Music Literature  
PHIL 205  Existentialism  
PHIL 304  Nineteenth-Century Philosophy  
PHIL 307  Twentieth-Century Continental Philosophy  
POLS 320  Politics of Western Europe  
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 toward the minor, with the approval of the director of German Studies.

At least nine hours in the minor at the 200 level or above must be earned at the College of Charleston.

International Studies

(843) 953-7662

Andrew Sobiesuo, Director

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.

NOTE: Requirements for this minor are currently being revised. Please contact the director for information.

Requirements: 18 hours

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:

- POLS 103 World Politics
- POLS 360 International Relations Theory

Three additional hours from:

- POLS 104 World Geography or one of the introductory international interdisciplinary non-western courses such as AFST 101 Introduction to African Civilization

Electives: Nine hours with the approval of the international studies staff directed toward a specific field of study or geographic area. Examples: European studies, African studies, Latin America. Determination of elective courses is made by consultation between the student and members of the international studies staff.

Italian Studies

(843) 953-5489

www.cofc.edu/languages/italian

Massimo Maggiari, Director

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 problems of contemporary Italy.

Requirements: 18 hours

At least nine hours in the minor at the 200 level or above must be earned at the College of Charleston.

Nine hours selected from the following:

- ITAL 313 Conversation and Composition I
- ITAL 314 Conversation and Composition II
- ITAL 328 Foreign Language Study Abroad (Italy)
- ITAL 329 Current Issues Abroad (Italy)
- ITAL 390 Special Topics in Italian
- ITAL 361 Survey of Italian Literature I
- ITAL 362 Survey of Italian Literature II
- ITAL 452 20th Century Italian Literature

Electives: Nine hours selected from the following:

- ARTH 370 History of Italian Early Renaissance Art
- ARTH 375 History of Italian High and Late Renaissance Art
- ENGL 203 Survey of European Literature (through the Renaissance)
- ENGL 203 Survey of European Literature (Neo-classicism through the 20th century)
- ENGL 314 Non-Dramatic Literature of the Renaissance
- HIST 336 Italian Renaissance
- ITAL 370 Italian Cinema
- ITJP 250 Italian Poetry
- ITJP 350 Dante in Translation
- MUSC 337 Opera Literature

*Prerequisites are required

Japanese Studies

(843) 953-7821

www.cofc.edu/languages/japanese

Yoshiki Chikuma, Coordinator

The Japanese studies minor is a structured course of study designed to acquaint students with Japanese language, civilization, and culture.

Requirements: 18 hours

At least nine hours in the minor at the 200 level or above must be earned at the College of Charleston.

Two courses selected from the following core courses:

- JPNS 313 Japanese Conversation and Composition I

Electives:

- JPNS 314 Japanese Conversation and Composition II
- JPNS 328 Foreign Language Study Abroad
- JPNS 329 Current Issues Abroad
- JPNS 220 Special Assignment Abroad

NOTE: Courses should be selected with the approval of the director or associate director.

Japanese Studies

(843) 953-7821

www.cofc.edu/languages/japanese

Yoshiki Chikuma, Coordinator

The Japanese studies minor is a structured course of study designed to acquaint students with Japanese language, civilization, and culture.

Requirements: 18 hours

At least nine hours in the minor at the 200 level or above must be earned at the College of Charleston.

NOTE: Courses should be selected with the approval of the director or associate director.

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 301 Advanced Modern Hebrew
- HBRW 302 Advanced Modern Hebrew
- HBRW 401 Advanced Modern Hebrew

Electives:

- ARTH 103 History of Asian Art
- ARTH 345 History of the Art of Japan
- HIST 286 History of Japan to 1800
- HIST 287 History of Modern Japan
- ITJP 250 Japanese Literature in Translation
- ITJP 350 Literature in Translation: A Foreign Author
- ITJP 390 Special Topics
- POLS 323 Politics of East Asia
- RELS 248 Religious Traditions of China and Japan

Jewish Studies

(843) 953-5682

www.cofc.edu/~jwst

Martin Perlmutter, Director

Larry Krasnoff, Associate Director

Jewish Studies focuses on the religion, history, philosophy, and literature of Judaism. Most students take Jewish Studies courses as a way to appreciate the cultural diversity within the Western tradition. Understanding such diversity fosters a deeper and more self-conscious appreciation of one's own traditions. The Jewish Studies Center is home to a Hebrew language laboratory, a Judaica reference library, and other facilities that foster Jewish studies. The College of Charleston library houses, and is developing further, an archival collection in South Carolina Jewish history that can be used to supplement the Jewish studies minor.

Requirements: 18 hours

At least nine hours in the minor at the 200 level or above must be earned at the College of Charleston.

NOTE: Courses should be selected with the approval of the director or associate director.

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 301 Advanced Modern Hebrew
- HBRW 302 Advanced Modern Hebrew
- HBRW 401 Advanced Modern Hebrew

Electives:

- ITJP 250 Japanese Literature in Translation
- ITJP 350 Literature in Translation: A Foreign Author
- ITJP 390 Special Topics
- POLS 323 Politics of East Asia
- RELS 248 Religious Traditions of China and Japan
Language and International Business

(843) 953-5723

Godwin Okebaram Uwah, Director

This is a cross-disciplinary minor. Students whose major is one of the modern languages may apply 18 credit hours of their major to this minor, and must take an additional 18 credit hours in business administration, economics or accounting. Similar to students whose major is in the School of Business and Economics, the latter may apply six credit hours in a modern language. A total of 24 hours is required for this minor.

Division of Languages Requirements: 18 hours

Requirements: 18 hours

At least nine hours in the minor at the 200 level or above must be earned at the College of Charleston.

French

FREN 313 or 314 Conversation and Composition
FREN 325 French Civilization and Literature
or FREN 328 Study Abroad
FREN 311 French for Business I
or FREN 332 French for Business II
FREN 302 Le Concept de Marketing

Two additional courses in French at the 300 or 400 level

German

GRMN 313 or 314 Conversation and Composition
GRMN 325 German Contemporary Issues
GRMN 328 Study Abroad
or GRMN 329 Current Issues in German
GRMN 331 German for Business
or GRMN 332 German in International Business

Two additional courses in German at the 300 or 400 level

Spanish

SPAN 313 Spanish Conversation and either
SPAN 314 Spanish Conversation or
SPAN 316 Spanish as a Heritage Language
(required for heritage/near-native speakers)
SPAN 320 Intensive Conversation and Composition
SPAN 321 Applied Spanish
SPAN 322 Civilization and Culture of Spain I
SPAN 323 Civilization and Culture of Spain II
SPAN 324 Latin-American Civilization and Culture I
SPAN 325 Latin-American Civilization and Culture II
SPAN 326 Current Issues in Spain or in the Spanish-Speaking World

One additional course in Spanish at the 300/400 level.

School of Business & Economics Requirements: 18 hours

At least nine hours in the minor at the 200 level or above must be earned at the College of Charleston.

ACCT 203 Financial Accounting
MGMT 301 Management and Organizational Behavior
or MKTG 302 Marketing Concepts
MGMT 322 International Business
or ECON 310 International Economics

Two additional courses in International Business

Latin American and Caribbean Studies

(843) 953-5701
www.cofc.edu/~friedman/lastud/latina.html

Douglas Friedman, Director

This interdisciplinary minor and program will expose students to the cultures, history, politics, economy, and languages of our Latin American and Caribbean neighbors.

Requirements: 18 hours

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 or Brazilian Portuguese. Students are encouraged to spend one semester in a study abroad program in Latin America or the Caribbean.

Required course:
LACS 101 Introduction to Latin American and Caribbean Studies

Two courses selected from:

ANTH 325 Peoples and Cultures of Latin America
ANTH 327 Peoples and Cultures of the Caribbean
ARTH 305 Pre-Columbian Art and Culture
HIST 262 Colonial Latin America
HIST 263 Latin America in the National Period
HIST 264 Caribbean to 1800
HIST 265 Caribbean Since 1800

Nine credit hours in international courses from:

DSCI 314 Global Management of Technology
ECON 303 Economics of Transportation and Geography
FINC 382 International Financial Markets
MGMT 308 Managing Diversity
MGMT 322 International Business
or ECON 310 International Economics
(or ECON 310 International Economics if not taken above)
MGMT 325 Comparative International Management
MKTG 326 International Marketing
TRAN 311 Intermodal Transportation

NOTE: For majors other than languages, accounting, business administration, or economics, a total of 30 hours is required. All students should consult with the program director for more information.
**Linguistics**

**Elizabeth Martínez, Director**

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**

Students will take the following sequence of courses for a total of eighteen credits:

**Introduction to Language and Linguistics***

(3 credits)

Two courses from any of the following (6 credits):

- **ANTH 205** Language and Culture
- **COMM 210** Introduction to Communication Studies
- **COMM 220** Interpersonal Communication
- **COMM 380** Studies in Communication (when appropriate to the area of language and linguistics)
- **INTR 510** Language and Culture (Spanish specific, permission of the instructor required for undergraduates)
- **PSYC 342** Approaches to Human Communication
- **PSYC 378** Psychology of Language
- **SPAN 447** Spanish Dialectology
- **SPAN 448** Spanish Sociolinguistics

**Electives (including the above):**

- **ANTH 328** Aztecs, Maya and Their Ancestors
- **ARTH 255** Latin American Art: Colonial to Modern
- **HIST 261** Special Topics in Asia, Africa, and Latin America
- **HIST 266** Aztecs, Maya and Their Ancestors
- **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 400** Independent Study in Latin American and Caribbean Studies
- **POLS 328** Modernization, Dependency, and Political Development
- **POLS 332** Politics of Film Reality in Latin America
- **POLS 366** Model Organization of American States
- **SOGY 362** Social and Cultural Change
- **SPAN 315** Special Assignment Abroad
- **SPAN 328** Foreign Language Study Abroad
- **SPAN 350** Current Issues Abroad
- **SPAN 371** Spanish American Literature
- **SPAN 372** Contemporary Spanish American Literature
- **SPAN 373** History of the Spanish Language
- **SPAN 378** Spanish Dialectology
- **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 Theater
- **SPAN 448** Spanish Sociolinguistics
- **SPAN 449** Spanish Linguistics — Special Topic (when appropriate to the area of sociolinguistics)

***Note: Any new courses, additional courses, or special topics in the area of sociosynchronic linguistics will be considered on an individual basis.

One course from the following (3 credits):

- **ENGL 307** Introduction to Old English
- **ENGL 312** History of the English Language
- **FREN 446** History of the French Language
- **SPAN 446** History of the Spanish Language

***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).

* This is a new course.
** These are the new Spanish courses based on the new curriculum to begin in the Fall 2002.
*** LING 200 is a Special Topics course, which can be used to introduce a linguistic course of interest.

This program will benefit the following programs:

- SNAP program by providing additional alternative courses for language.
- The Bilingual Legal Interpreting Program providing College of Charleston undergraduates a strong linguistic background to enter this master’s program
- The School of Education in the area of ESL and Special Education.
Pre-Actuarial Studies

Mathematics Department (843) 953-5730
School of Business & Economics
(843) 953-5627

Requirements: 21 hours
At least nine hours in the minor at the 200 level or above must be earned at the College of Charleston.

For students majoring in mathematics (other than the Actuarial Studies Option):

ACT 203 Financial Accounting
ACT 204 Managerial Accounting
ECON 201 Principles of Macroeconomics
ECON 202 Principles of Microeconomics
FINC 303 Business Finance
FINC 385 Principles of Insurance
MATH 250 Statistical Methods I
MATH 350 Statistical Methods II
MATH 530 Mathematical Statistics I
MATH 531 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.

For students majoring in business administration:

FINC 385 Principles of Risk Management and Insurance
MATH 120 Introductory to Calculus
MATH 203 Linear Algebra
MATH 220 Calculus II
MATH 221 Calculus III
MATH 250 Statistical Methods
MATH 530 Mathematical Statistics I
MATH 531 Mathematical Statistics II

Russian Studies

(843) 953-5776
www.cofc.edu/~russian/studies.html
Raisa Gomer, Coordinator

This program is a multi-disciplinary 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.

Requirements: 18 hours
At least nine hours in the minor at the 200 level or above must be earned at the College of Charleston.

Three hours selected from:
HIST 245 Czarist Russia to 1917
HIST 246 Imperial Russia to 1917
HIST 346 History of the Soviet Union

Three hours selected from:
POLS 325 Politics of Central/Eastern Europe
POLS 326 Soviet and Russian Politics

Three hours selected from:
RUSS 101 Elementary Russian
RUSS 102 Elementary Russian
RUSS 201 Intermediate Russian
RUSS 202 Intermediate Russian

Electives: nine hours selected from:
ARTH 350 History of Early Christian and Byzantine Art
ARTH 390 History of Modern European Art
HIST 258 European Jewish History
LITR 150 Russian Literature in Translation
LITR 250 Russian Literature in Translation
LITR 350 Russian Literature in Translation
LITR 450 Russian Literature in Translation
POLS 329 Politics of Protest and Revolution
POLS 346 Modern Ideologies
POLS 360 International Relations
POLS 362 Case Studies in Foreign Policy
RUSS 313 Russian Conversation and Composition
RUSS 314 Russian Conversation and Composition
RUSS 330 Collateral Study
RUSS 390 Special Topics in Russian

NOTE: Prerequisites are required for many of the courses needed for a minor in Russian studies.

Women’s Studies

(843) 953-5522
www.cofc.edu/~wstudies/index.html
Susan Farrell, Director

Women’s Studies courses serve both female and male students by enabling them to become more aware of 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 studies courses are offered in both the social sciences and the humanities and may be used to satisfy the college’s general education requirements in these areas.

Requirements: 18 hours
At least nine hours in the minor at the 200 level or above must be earned at the College of Charleston.

WMST 200 Introduction to Women’s Studies

NOTE: WMST 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
CLASS 242 Images of Women in Classical Antiquity
COMM 370 Gender and Communication
ENGL 336 Women Writers
ENGL 353 African Women Writers
FREN 474 French 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
POLS 330 Comparative Gender Politics
POLS 392 Women and Politics
PSYC 350 Psychology of Gender
RELS 265 Women and Religion
SOCI 103 Sociology of the Family
SOCI 337 Prejudice
SOCI 354 Gender and Society
WMST 300 Special Topics
WMST 400 Independent Study

NOTE: No more than two courses may be taken in any single department except those courses designated as WMST.

**Certain special topics courses from the various departments may also be counted toward the minor requirements. Please consult the instrucor or the director of women’s studies.
Courses

NOTE: The frequency with which courses are offered is determined primarily by student needs and the desire to offer a balanced program for majors in a subject area. Whenever possible, departments have indicated when they plan to offer courses. The code is: F: every fall semester; S: every spring semester; Su: every summer; of: odd year fall semesters; ef: even year fall semesters; of: odd year spring semesters; es: even year spring semesters. However, the schedule is subject to change due to student interests and other factors such as availability of faculty and changes in the curriculum.

Accounting

Please see "notes" in the general School of Business and Economics section of this catalog.

ACCT 203 Financial Accounting (3)
A survey of accounting information essential for external parties to make business decisions about an organization. F, S, Su. Prerequisites: Sophomore standing.

ACCT 204 Managerial Accounting (3)
A survey of accounting information critical for planning, control and business decision-making within an organization. F, S, Su. Prerequisites: 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. F, S, Su. Prerequisites: 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 job-order 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. F, S, Su. Prerequisites: Junior standing; ACCT 203.

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. F, S, Su. 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. F, S, Su. Prerequisites: Junior standing; ACCT 203, 204.

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. F, S, Su. 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. F, S, Su. 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. S. 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. Prerequisite: Junior standing, 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. S, Su. Prerequisites: Senior standing; ACCT 203, 204, 316; ACCT 317. ACCT 317 co-requisite by permission of instructor.

ACCT 431 Advanced and Not-for-Profit Accounting (3)
This course is designed to provide an exposure to the accounting for consolidations, foreign currency translations, partnerships, and not-for-profit entities. F, Su.

Prerequisites: Junior standing; ACCT 203, 204, 316; ACCT 317. ACCT 317 co-requisite by permission of instructor.

African American Studies

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.

African Studies

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)

American Studies

AMST 200 Introduction to American Studies (3)
An integrated and interdisciplinary study which relates a broad range of American cultural forms—arts, literature, and philosophy, formal and popular—to the specific historical experiences and development of the United States from the Colonial era to the present. The course introduces the concept and methodology of American studies and explores six major themes (natural environment and the frontier; people and immigration; government and constitutionalism; urbanization and industrialism; the American dream; and America and the world).
AMST 300  Special Topics in American Studies (3)
An intensive examination of a specific topic. The specific topic will be listed with the course when offered.

AMST 400  Seminar in American Studies (3)
This interdisciplinary seminar applies perspectives of the humanities and the social sciences in an intensive investigation of a particular period and/or a central theme of American Studies. Prerequisites: AMST 200 and at least one 200- or 300-level course in American literature, arts, history, or social science, or permission of Instructor.

Anthropology

ANTH 101  Introduction to Anthropology (3)
An introduction to the study of humankind, including archaeology, ethnology, linguistics, and biological anthropology.

ANTH 201  Comparative Social Organization (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. Prerequisite: ANTH 101 or permission of the instructor.

ANTH 202  Archaeology (3)
An introduction to basic theory and methods in the archaeological recovery and interpretation of past cultural remains. Prerequisite: ANTH 101 or permission of the instructor.

ANTH 203  Introduction to Biological Anthropology (4)
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. Lectures three hours per week; laboratory three hours per week.

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. Prerequisite: ANTH 101 or permission of the instructor.

ANTH 210  History of Anthropological Theory (3)
A survey of major theories anthropologists use to explain human social and cultural behavior. Prerequisite: ANTH 101 or permission of the instructor.

ANTH 300  Archaeological Lab Methods (1)
An introduction to basic archaeological lab methods, techniques and goals. Instruction will be provided in artifact processing and identification, quantitative and qualitative analysis, map construction and interpretation, and artifact conservation. Students will be exposed to both prehistoric and historic period material culture. Prerequisite: ANTH 202 or permission of the instructor.

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 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 316  Ecological Anthropology (3)
A study of the relationship between cultures and their physical/ecological environments. 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 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. Credit cannot be received for both ANTH 323 and SOCY 363. 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 Spanish in 1519. Although beginning with the peopling of this hemisphere, the emphasis is on the advanced civilizations of the Olmec, Toltec, Zapotec, Mixtec, Maya, and Aztec. When taught, the course will be cross-listed as HIST 266. Prerequisite: ANTH 101 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 non-human 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 334  Human Variation and Adaptation (3)
A study of human biological variation and adaptation. Topics include human polymorphisms, quantitative traits, growth and development of the human organism, and human population genetics. Special emphasis will be on human adaptation and evolution as explanatory principles in understanding human variation and a historical critical analysis of the concept of race as an organizing principle for classification of human beings. Prerequisite: ANTH 101 or BIOL 102 or ANTH 203 or GEOL 105 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 340 Medical Anthropology (3)
A review of the ways in which illness and health are conceptualized in different societies. Cultural variations in therapies will also be studied. The medical system of the U.S. and interaction with non-Western medical systems will be discussed. Credit cannot be received for both ANTH 340 and SOCY 340. Prerequisites: 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. Prerequisites: ANTH 101 or PSYC 103, 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. Prerequisites: 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. Prerequisites: ANTH 101 or WAST 200 or permission of the instructor.

ANTH 351 Urban Anthropology (3)
An in-depth examination of the emergence of urban society, contemporary urbanization, and the nature of urban life. Credit cannot be received for both ANTH 351 and SOCY 351. Prerequisite: ANTH 101 or permission of the instructor.

ANTH 356 Anthropological Perspectives on Religion (3)
A comparative analysis of socio-cultural factors influencing the development of religious beliefs, rituals, and organizations. Credit cannot be received for both ANTH 356 and SOCY 356. Prerequisite: ANTH 101 or permission of the instructor.

ANTH 357 Political Anthropology (3)
A comparative review of non-Western and Western political structures. Theories of state formation, political change, political participation, and protest will also be studied. Credit cannot be received for both ANTH 357 and SOCY 357. Prerequisite: ANTH 101 or permission of the instructor.

ANTH 362 Social and Cultural Change (3)
A study of current and historic theories concerning the process of socio-cultural change. Attention given to the techniques involved in the analysis and control of directed cultural and social change. Credit cannot be received for both ANTH 362 and SOCY 362. Prerequisite: ANTH 101 or permission of the instructor.

ANTH 361 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: Junior standing, GPA of 3.0 in anthropology, an overall GPA of 2.5, a major or minor in anthropology, and permission of instructor. Course prerequisites may vary depending on the nature of the placement.

ANTH 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.

ANTH 490 Independent Study (1–3)
Individually supervised readings and study of some anthropological work, problem, or topic of the student's interest. Prerequisites: Junior standing, GPA of 3.0 in anthropology, an overall GPA of 2.5, a major or minor in anthropology, and permission of instructor.

ANTH 491 Research Methods (3)
This course reviews a variety of ways in which anthropological research is conducted. Prerequisites: ANTH 101 and any 200-level course 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 which meets Society 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 credit. Prerequisites: ANTH 202 or permission of the 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

NOTE: For foreign language courses that range from 101 to 202, successful completion of a higher level course prohibits a student from taking a lower level course in the same language for credit.

ARBC 101 Elementary Arabic (3, 3)
Introduces the fundamental structures of Arabic, with emphasis on acquisition of the basic language skills: reading and listening comprehension, oral and written expression. Prerequisite: ARBC 101 open only to beginning students of Arabic; placement or ARBC 101 is a prerequisite for 102.

ARBC 201

ARBC 202 Intermediate Arabic (3, 3)
Develops a basic proficiency in Arabic and familiarity with Arabic culture through practice in the use of the basic language skills and acquisition of vocabulary. Prerequisite: Placement, ARBC 101, 102 for 201; placement or ARBC 201 for 202.

ARBC 290 Special Topics in Arabic (3)

ARBC 313

ARBC 314 Conversation and Composition (3, 3)
Intensive practice in the written and spoken language. Assigned readings and compositions. The course will be conducted primarily in Arabic.

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 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.

ARBC 390 Special Topics in Arabic (3)

Art History

ARTH 101 History of Art: Prehistoric to Renaissance (3)
A combined visual and historical survey of Western art from Prehistoric to Renaissance 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. Painting, sculpture, and architecture will be analyzed in terms of technique, form, and expressive content, as well as studied within the context of the historical 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 190 Special Topics in Art History (3)
Special topics on the introductory level of art history, other than the traditional chronological survey.

ARTH 230 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 archaelogy, architectural history, social history and community planning will be covered.

ARTH 245 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 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. Prerequisite: ARTH 102 recommended.

ARTH 255 Latin American Art: Colonial to Modern (3)
Examination of the art and architecture produced in Latin America from colonial times to the modern era, including a broad survey of modern Latin American artistic movements as well as consideration of the modern confrontation with the legacy of the colonial past. The course will concentrate upon architecture, sculpture, painting and folk arts in both the Spanish and Portuguese "new world" colonies from the 16th century until independence in the 19th century. Prerequisite: ARTH 101 or 102 recommended but not required.

ARTH 260 Aistlestone 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. Prerequisite: ARTH 101 or 102 or 245.

ARTH 270 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.

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 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: ARTH 101 or 102 or permission of the instructor.

ARTH 305 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. Prerequisite: ARTH 101 or 102 or permission of instructor.

ARTH 310 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). Prerequisite: ARTH 101 or 102 recommended but not required.

ARTH 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: ARTH 310 or URST 310 or permission of instructor.

ARTH 318 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: ARTH 230 or permission of instructor.

ARTH 319 Architectural Design Studio (3)
This will be an introductory studio course in architectural design. The semester will culminate in the design of a house in an 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.

ARTH 330 Urban Planning (3)
Topics will include the history of planning, theories of planning, goal setting and implementation within contemporary political settings. Primary emphasis will be placed on the application of planning techniques within communities. The course will present a critical analysis of current practice. Case studies will be used.

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. Students 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: ARTH 101 or 102 or permission of the instructor.

ARTH 338 American Vernacular Architecture and Material Culture (3)
This course explores diverse examples of common architectural 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 folk life and the relationship of the built environment to the natural environment over time. Prerequisite: ARTH 101 or 102 or permission of the instructor.

ARTH 340 Selected Topics in Art History (3)
Studies of specialized topics in art and architectural history (such as Spanish Baroque painting, New Wave Cinema). Prerequisite: ARTH 101 or 102 or permission of the instructor. May be repeated for credit with differing topics.

ARTH 341 History of the Art of India (3)
A study of the architecture, sculpture, and painting of South Asia from the Indus Valley Civilization through the Mughal period, 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. Prerequisite: ARTH 103 or permission of the instructor.

ARTH 342 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. Prerequisite: ARTH 103 or permission of the instructor.

ARTH 343 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. Prerequisite: ARTH 103 or permission of the instructor.

ARTH 345 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. Prerequisite: ARTH 101 or 102 or permission of the instructor.

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: ARTH 101 or 102 or permission of the instructor.

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 century including Insular, Carolingian, Ottonian, and Romanesque art. Prerequisite: ARTH 101 or 245 or permission of the instructor.

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 century. Concentration will be on the major architectural monuments and their decoration. Prerequisite: ARTH 101 or 245 or permission of the instructor.

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: ARTH 101 or 102 or permission of the instructor.

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: ARTH 101 or 102 or permission of the instructor.

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: ARTH 101 or 102 or permission of the instructor.

ARTH 375 History of Italian High and Late Renaissance Art (3)  
Study of the painting and 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 later 16th-century “mannesism.” Prerequisite: ARTH 101 or 102 or permission of the instructor.

ARTH 380 History of Baroque Art (3)  
A 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. Prerequisite: ARTH 101 or 102 or permission of the instructor.

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 historical, social and religious context of the period. Among the artists to be discussed are El Greco, Ribalta, Ribera, Zurbarán, Martínez, Montañés, Velázquez and Murillo. Prerequisite: ARTH 101 or 102, or permission of the instructor.

ARTH 385 History of European Painting, 1700–1850 (3)  
Study of the major artistic movements in European painting from 1700 to the Rococo, the development of Neoclassicism and Romanticism. Prerequisite: ARTH 101 or 102 or permission of the instructor.

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: ARTH 101 or 102 or permission of the instructor.

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: ARTH 101 or 102 or permission of the instructor.

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: ARTH 101 or 102 or permission of the instructor.

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: ARTH 102 or ARTS 108 or permission of the instructor.

ARTH 393 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. Prerequisite: ARTH 102 or permission of the instructor.

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: ARTH 101 or 102 or 245 or permission of the instructor.

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: ARTH 101 or 102 or 245 or permission of the instructor.

ARTH 399 Tutorial (3, repeatable up to 12)  
Individual instruction given by a tutor in regularly scheduled meetings. Prerequisites: Open only to students enrolled in the Honors Program. Junior standing, plus permission of the tutor, tutorial committee, and the department chair.

ARTH 410 Internship (3)  
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. Junior and senior students with major GPAs of 3.0 or better are eligible.

ARTM 415 Senior Paper in Art History (3)
A topical research paper will be written under the direction of a member of the art history faculty during the students' senior year. Successful completion of the paper and an oral presentation are requirements for completion of the major in art history. Prerequisite: Senior standing or permission of the instructor.

ARTM 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 enrolled. Prerequisite: 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

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, organization structures, leadership, staffing, volunteerism, fundraising, artistic programming, advocacy, and audience development.

ARTM 240 Gallery Fundamentals (3)
A course to survey the purposes, procedures, and functions of art museums and galleries and provide an introduction to such tasks as exhibition design and installation and the handling, identification, and research of art objects. Students will participate directly in mounting and maintaining exhibitions in the Halsey Gallery. Prerequisite: ARTH 102 or ARTS 118 or 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 arts organizations including such aspects as audience development, special event planning, program planning, financial planning, and proposal writing. Prerequisite: ARTM 200 or permission of the instructor.

ARTM 340 Arts Financial Management (3)
A study of the financial aspects of non-profit 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 and ACCT 200 (may substitute ACCT 203) or permission of the instructor.

ARTM 360 Special Topics in Arts Management (3)
A study of special types of arts organizations and/or special situations encountered in the arts industry. Possible topics are arts festivals, arts in education, cultural planning, publication design, building participation in the arts, grant writing and fundraising, and creativity and the arts, etc. Prerequisite: As required.

ARTM 380 Independent Study (1-3)
A study, reading, or research project concerning subject matter not available in other college courses. Prerequisites: ARTM 200, 310, junior standing, 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: ARTM 310 and either ARTM 340 or 420; junior standing and above with permission of the faculty of the arts management program.

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, affirmative action and personnel policies, accounting and fundraising. Prerequisites: ARTM 310, ARTM 340, MKTG 302, and junior standing.

Asian Studies

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.

Biology

BIOL 101 Elements of Biology (3)
A course for non-science majors on living systems with emphasis on the concepts of structure and function at the molecular and cellular levels. Topics include biochemistry, cell structure and function, respiration, photosynthesis, genetics and molecular biology. Provides a background to understand and evaluate critical issues facing society. Topics are considered in relation to technology, societal issues, and the history and limits of science. Lectures three hours per week. Co-requisite: BIOL 101L.

BIOL 101L Elements of Biology Laboratory (1)
Laboratory course to accompany BIOL 101. Co-requisite: BIOL 101.

BIOL 102 Elements of Biology (3)
A course for non-science majors on living systems with emphasis on evolution, ecology, and the structure and functions of the major groups of organisms. Provides a background to understand and evaluate critical issues facing society. Topics are considered in relation to technology, societal issues, and the history and limits of science. Lectures three hours per week. Prerequisite: BIOL 101; Co-requisite: BIOL 102L.

BIOL 102L Elements of Biology Laboratory (1)
Laboratory course to accompany BIOL 102. 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.

BIOL 111L Introduction to Cell and Molecular Biology Lab (1)
Laboratory course to accompany BIOL 111. Co-requisite: BIOL 111.

BIOL 112 Evolution, Ecology, and Biology of Organisms (3)
A foundation course for science majors providing an introduction to evolution and ecology and a study of the major groups of organisms with an emphasis on their structure, function, and evolutionary relationships. Lectures three hours per week. Prerequisite: BIOL 111; Co-requisite: BIOL 112L.

BIOL 112L Evolution, Ecology, and Biology of Organisms Lab (1)
Laboratory course to accompany BIOL 112. Co-requisite: BIOL 112.

NOTE: BIOL 111, 111L, 112, 112L are prerequisites for all upper-division biology courses except for BIOL 204, which has no prerequisites. Students who have completed BIOL 101, 102, 101L, 102L, and who wish to take upper-level 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 111/112 and Honors Biology.

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.

BIOL 202 Human Anatomy (4)
An introduction to the gross and microscopic anatomy of the major organ systems of the human body. Lectures three hours per week, laboratory three hours per week.
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 250  Special Topics in Biology (1-4)
Lectures and discussion on selected topics of biological interest. Prerequisite: One year of biology or permission of instructor.

BIOL 300  Botany (4)
Gross morphology, life history, taxonomy, and evolution of representative algae, fungi, bryophytes, and vascular plants. Lectures three hours per week; laboratory three hours per week.

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.

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.

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 material, and culturing for life-history studies. Lectures three hours per week; laboratory three hours per week.

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. Additional prerequisite: One year of chemistry.

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. Additional prerequisite: One year of chemistry.

BIOL 311  Genetics (3)
The basics of the science of heredity. The course encompasses Mendelian genetics, the molecular basis of inheritance, changes in chromosomal number and structure, microbial genetics, mutations, and population genetics. Lectures three hours per week.

BIOL 311L  Genetics Laboratory (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. Co-requisite: BIOL 311.

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. Additional prerequisite: One year of chemistry.

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.

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. Additional prerequisite: One year of chemistry.

BIOL 313L  Cell Biology Laboratory (1)
The laboratory exercises introduce the student to some of the modern methods used to study cell function. Laboratory three hours per week. Co-requisite or prerequisite: BIOL 313.

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 autoimmunity, immunodeficiencies and the evolution of the immune system. Additional prerequisite: One year of chemistry.

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.

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. Additional prerequisite: One year of chemistry.

BIOL 322  Comparative Vertebrate Embryology (4)
Comparative gametogenesis, fertilization, and embryology of the vertebrates. Organogenesis in frog, chick, and pig embryos studied in detail. Lectures three hours per week; laboratory three hours per week.

BIOL 323  Comparative Anatomy of Vertebrates (4)
Lectures on phylogeny of vertebrate organ systems, and laboratory dissection of dogfish, Necturus, and cat. Lectures three hours per week; laboratory three hours per week.

BIOL 332  Vertebrate Zoology (4)
A study of the interdependence of man and his environment. Emphasis will be on man's place in nature, protection. Lectures three hours per week.

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.

BIOL 334  Herpetology (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.

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.

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.

BIOL 337  Invertebrate Zoology (4)
Classification, morphologic, physiologic, and 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.

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.
BIOL 340 Zoogeography (3)
An introduction to the study of animal distribution patterns, their origins and their significance for ecology and evolution. Lectures three hours per week.

BIOL 341 General Ecology (4)
Consideration of organisms and their environmental relationships. Lectures three hours per week; laboratory three hours per week. Additional prerequisite: One year of chemistry.

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. Additional prerequisites: BIOL 310 or equivalent, or permission of the 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.

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.

BIOL 351 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 micro-organisms. Lectures two hours per week; laboratory four hours per week. Additional prerequisites: One year of chemistry.

BIOL 420 General and Comparative Endocrinology (4)
A study of the comparative anatomy and physiology of the ductless glands of vertebrate and invertebrate animals. Laboratory experiments are designed to demonstrate classical as well as modern approaches to the study of hormone action. Lectures, two hours per week; laboratory six hours per week. Additional prerequisite: A course in physiology or permission of the instructor.

BIOL 421 Topics in the 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 biologics, developmental biology, animal and environmental physiology, immunology and population genetics of marine organisms. Prerequisites: BIOL 312 or 313; BIOL 321 and permission of the instructor.

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. Additional prerequisite: BIOL 341 or permission of the instructor.

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. Additional prerequisites: Junior standing and at least one upper division course in organismal biology (e.g., BIOL 300, 301, 303, 332, 333, 334, 335, 336, 337).

BIOL 450 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. Enrollment by permission of the instructor and approval of the chair.

BIOL 451 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. Enrollment by permission of the instructor and approval of the chair.

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.

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. Additional prerequisite: Permission of the instructor.

BIOL 455 Seminar in Molecular Biology (2)
Required "capstone" course for majors emphasizing molecular biology. Additional prerequisites: BIOL 312 and 313.

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. Additional prerequisites: GPA of at least 3.0 in all biology courses.

BIOL 501 Biology of the Crustacea (4)
A study of the biology of crustacean arthropods. Topics include evolution, taxonomy, functional morphology, physiology and 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 departmental chair. Additional prerequisite: A course in invertebrate zoology.

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
**Business Law**

*Please see "Notes" in the general School of Business and Economics section of this catalog.*

**BLAW 106** **Personal and Consumer Law** (3)

This course exposes students to their obligations and rights as both citizens and consumers. Topics to be covered include: the Constitution, the court system, the law covering students, employees, insured, homeowners. This course will not be applied toward the GPA in business, economics, or accounting. Students who have completed BLAW 205 or 306 or are taking either concurrently with BLAW 106 may not receive credit for this course. F, S.

**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; wills and trusts; 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. F, S. Prerequisite: Sophomore standing.

**BLAW 306** **White Collar Crimes and Ethics** (3)

This course examines the legal elements of white collar crimes and violations of other federal statutes relating to business. The crimes examined include: wire and mail fraud, income tax evasion, perjury securities fraud, and violations of other federal statutes relating to business. The course also examines ethical situations those in business may encounter. A unique component of the course consists of visiting various federal prison camps where inmates address the students concerning the need for legal and ethical behavior in business, and what can be learned from each inmate’s experience. Prerequisite: Junior standing.

**BLAW 429** **Commercial Law** (3)

A course designed to cover legal aspects of business including contracts, Articles 2, 3, 4, 6, and 9 of the U.C.C. (sales, law of negotiable instruments, bulk sales, and secured transactions), and bankruptcy. Primarily intended for students interested in pre-law, banking, or retail sales, and for CPA candidates. Prerequisites: Senior standing; BLAW 205 or permission of the instructor.

**Chemistry**

*NOTE: In the course descriptions listed below, whenever a laboratory course is listed as a co-requisite for a lecture course, or vice versa, withdrawal from one course requires withdrawal from the other.*

**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 on 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. Every F. 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. Every F. 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 non-science 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. Every S. 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. Every S. Co-requisites: CHEM 101 and 101L or their equivalents are prerequisites for CHEM 231. CHEM 102L.

**CHEM 111**

**CHEM 112** **Principles of Chemistry** (3, 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. Every F. Every S. Co-requisites and prerequisites: CHEM 111L is a co-requisite for CHEM 111. Both CHEM 111 and 111L are prerequisites for CHEM 112. CHEM 112L is a co-requisite for CHEM 112. 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. Those enrolling in CHEM 112 are urged to take MATH 120. Students may not receive credit toward graduation for both CHEM 111 and HONS 153 or CHEM 112 and HONS 154.

**CHEM 111L**

**CHEM 112L** **Principles of Chemistry Laboratory** (1, 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. Every F. Every S. Co-requisites and prerequisites: CHEM 111L is a co-requisite for CHEM 111L. CHEM 112L is a co-requisite for CHEM 112L. Both CHEM 111 and 111L are prerequisites for CHEM 112L. Students may not receive credit toward graduation for both CHEM 111L and HONS 153L or CHEM 121L and HONS 154L.

**CHEM 221** **Quantitative Analysis** (4)

A study of the chemistry of quantitative analysis. Special attention is given to equilibria involving acids, bases, precipitates, complexons, 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. Every F. Every S. Prerequisites: CHEM 112, 112L.

**CHEM 231**

**CHEM 232** **Organic Chemistry** (3, 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. Every F. Every S. Co-requisites or prerequisites: CHEM 112 and 112L or their equivalents are prerequisites for CHEM 231.
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. Every F; every S. Co-requisite: CHEM 231.

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. Every S; every S. Prerequisites: Both CHEM 231 and 231L Co-requisite: CHEM 232.

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. Every F, every S. 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. Every S. Prerequisite: CHEM 351.

CHEM 354L Biochemistry Laboratory (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. Every S. 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. Every F. Prerequisite: CHEM 221, 221L, 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. Prerequisite: Junior or senior standing and at least a 2.5 GPA both overall and in the major (Repeatable up to a maximum of four credit hours earned.)

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 441

CHEM 442 Physical Chemistry (3, 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. CHEM 441, every F; CHEM 442, every S. Co-requisites and prerequisites: CHEM 441L is a co-requisite for CHEM 441. CHEM 441 and 441L are prerequisites for CHEM 442. Students should have completed CHEM 221 before enrolling in CHEM 441 and 441L. MATH 220 is a prerequisite for 441L. MATH 221 is strongly recommended.

CHEM 441L

CHEM 442L Physical Chemistry Laboratory (1, 1)
A laboratory program to accompany CHEM 441, 442. Laboratory three hours per week. CHEM 441L, every F; CHEM 442L, every S. Co-requisites and prerequisites: CHEM 441L is a co-requisite for CHEM 441L. CHEM 441L and 441L are prerequisites for CHEM 442L.

CHEM 481 Introductionary Research (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 member 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 Introductionary Research (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. Every F. 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. Every S. Prerequisites: CHEM 441 and senior status.

CHEM 499 Bachelor'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. Every F, every S. Prerequisites or co-requisites: CHEM 441 and 442.

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. Every S. 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. Every F. 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, spectrometric, and chromatographic techniques will be used with both laboratory and field investigations. Laboratory three hours per week. Prerequisite or co-requisite: 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. This course is typically taught as part of the special topics in chemistry sequence. Lecture three hours per week for five weeks. Prerequisite: CHEM 221 or CHEM 231 and CHEM 321L, or permission of 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. Every S. Prerequisite: CHEM 232.

CHEM 541 Advanced Physical Chemistry (3)
A supplemental course to CHEM 441 and 442 dealing primarily with molecular structure and bonding and with statistical thermodynamics. Prerequisite: CHEM 442.

CHEM 583 Special Topics in Chemistry (1, 2, or 3)
This course is normally divided into thirds. Each third deals with a recent development in chemistry or with advanced theoretical concepts not included in other chemistry courses. Topics are taken from all areas of chemistry and will vary from semester to semester. The student may enroll for one, two, or three of the sub-courses. Occasionally, a full semester single course is offered (e.g., Organic Polymer Chemistry). Prerequisite: Permission of the instructor.

Chinese

NOTE: For foreign language courses that range from 101 to 202, successful completion of a higher level course prohibits a student from taking a lower level course in the same language for credit.

CHNS 101
CHNS 102 Elementary Mandarin Chinese (3, 3)
Introduces the fundamental structures of Chinese, with emphasis on acquisition of the basic language skills: reading and listening comprehension, oral and written expression. Prerequisite: CHNS 101 open only to beginning students of Chinese; placement or CHNS 101 is a prerequisite for 102.

CHNS 201
CHNS 202 Intermediate Mandarin Chinese (3, 3)
Develops a 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 for 201; placement or CHNS 201 for 202.

LTCH 250 Chinese 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.

CHNS 313
CHNS 314 Conversation and Composition (3, 3)
Intensive practice in the written and spoken Chinese. Assigned readings and compositions. The course will be conducted primarily in Mandarin Chinese.

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 maximum of six credit hours in conjunction with other primary courses.

LTCH 350 Chinese Literature in (English) Translation (3)
Study of selected works by a Chinese author whose influence is felt in the world at large.

CHNS 390 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"). Prerequisites: CHNS 313 or 314 or permission of the instructor.

Classics

Classics courses are conducted in English. With the exception of those dealing with vocabulary development and etymology, these courses can be applied to the minimum degree requirements in humanities, but not in foreign language. There are no prerequisites for 100- and 200-level 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 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 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 Vergil’s Aeneid.

CLAS 254 Classical Drama: Tragedy (3)
A survey of Greek and Roman tragedy as represented by the works of Aeschylus, Sophocles, Euripides, and Seneca.
CLAS 255 Classical Drama: 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 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.

Communication

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.

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 forensics team are required.

Note: This course does not count toward the major or minor requirements.

COMM 210 Introduction to Communication Studies (3)
The principles, contexts, and development of human communication as a symbolic process. Topics include models of communication; cultural forms of expression; orality and literacy; signs, symbols, and speech codes; nonverbal and animal communication; the international and computer-information economy; interpersonal and gender styles of communication.

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.

COMM 213 Debate (3)
Develops skills in critical reasoning and argument. Discussion of case construction, rules of evidence, refutation, and debate strategies. Practice in value and policy debating. Prerequisite: COMM 104 or permission of the instructor.

COMM 214 Mass Media (3)
The social, economic, and political roles of newspapers, magazines, radio, and television, with emphasis on their development, function, ethics, and legal restraints. An introductory course for those considering journalism as a career and those interested as critical readers. Prerequisites: ENGL 101 and 102.

COMM 215 Small Group Communication (3)
An introduction to the basic concepts and theories relevant to understanding the role of communication in the development and maintenance of relationships. Course topics include information processing, perception, verbal and nonverbal communication, listening skills, self concept, male/female communication, family communication, conflict management, and interpersonal persuasion.

COMM 220 Interpersonal Communication (3)
This course is designed to provide a survey and introduction to interpersonal communication theory and practice, and to develop students' understanding of the influence upon communication between/among people of different cultural backgrounds both in domestic and international settings across a variety of contexts.

COMM 222 Small Group Communication (3)
An introduction to the major theories, issues, and concepts related to the study of small group interaction. Course topics include the process of group development, roles and rules in group communication, decision-making, leadership and conflict management. Case studies, activities, and exercises are incorporated to emphasize both theory and practice.

COMM 225 Writing for the Mass Media (3)
Study of and practice in the fundamentals of news, feature, investigative, and editorial writing. Interviewing techniques and various methods of organizing and gathering the news are emphasized, along with the successful completion of writing assignments.

COMM 229 Journalism Practicum (1)
This practicum provides the communication student with practical experiences working on the college's weekly newspaper, the George Street Observer. One-hour credit may be earned in reporting, editing, advertising design and sales, graphic design and photojournalism. The course may be taken more than once, but no more than three credits may be earned.

Note: This course does not count toward completing major or minor requirements in communication.

COMM 231 Public Relations Practicum (3)
This course serves as both an introduction to the field of public relations, and as the first of a three-course PR sequence (COMM 335 and COMM 435). Major emphasis is placed on writing skill, as well as an understanding of theoretical, historical, legal and ethical issues. Assignments will address the building of relationships with both mass media and within the corporate/organizational realm. Students also are provided opportunities to present oral and written synopses of case studies and related issues.

COMM 240 Introduction to Broadcast News (3)
This course explores unique aspects of broadcast news writing styles, newsworthiness of issues, and news gathering. Students cover stories and write for both radio and television broadcasts. Legal and ethical considerations and issues pertaining to broadcast news are emphasized throughout the course. Prerequisite: COMM 230 or permission of the instructor.

COMM 245 Introduction to Television Production (3)
This course explores both the technical and creative process required to communicate ideas to an audience using videographic form. Topics include pre-production, production, and post-production phases of videography and emphasizes the artistic and creative communication elements required of each. Students will gain hands-on experience with camerawork and editing, meet television
COMM 324 Speechwriting (3)
This course offers a comprehensive look at speechwriting by exploring written and videotaped speeches, then applying what we've learned to our own speeches. We will examine and utilize rhetorical theories which are foundations for speechwriting. The course is designed so that students will write speeches for themselves, each other and outside individuals and organizations. Hence, this course is writing intensive and not performance based. Prerequisites: COMM 104; COMM 382 is highly recommended.

COMM 325 Humor Writing (3)
This course examines theories, techniques, and principles of humor writing. It is reading intensive and writing intensive. Assignments include writing observational humor, satire, personal essays, etc. For the final exam, students are required to write and perform 10 minutes of original stand-up comedy.

COMM 326 Organizational Communication (3)
Organizational Communication explores the concepts and theories relevant to communication in an organizational context. Course topics include organizational theories, socialization of employees, the role of the individual in the organization, communication and leadership, group and individual decision-making processes and conflict. Prerequisite: COMM 210 is strongly recommended.

COMM 327 Sportswriting (3)
Students apply skills in interviewing, research and direct observation to write news stories, features and opinion pieces about sports at the professional, college, high school and weekend-athlete levels. Students learn to write about sports in the broad context of business, political and social issues. Prerequisites: Students must be juniors or seniors who have taken COMM 230 or have permission from the instructor to enroll.

COMM 329 Opinion Writing (3)
This course is a comprehensive look at opinion writing. Students will analyze and discuss current events as a basis for critical thinking and for their writing. In addition, students will evaluate editorials and columns in leading newspapers and magazines and will study and practice the techniques involved in writing art, drama, music, and book reviews. Prerequisite: COMM 230.

COMM 330 Advanced Oral Interpretation: Group Performance (3)
This course is a theory-based performance of literature course that takes a comprehensive view of the techniques and theories used in preparing spoken word. Prerequisite: COMM 104 and 230. Students must be juniors or seniors who have taken COMM 230 or have permission from the instructor to enroll.

COMM 331 Advanced Public Speaking (3)
An examination of formal communication in a variety of public contexts. Course topics include the responsibilities of the speaker in a variety of situations, critical listening, and theories of motivation and persuasion. Assignments will include oral presentations and written analysis. Prerequisite: COMM 104 or permission of instructor.

COMM 332 Business Communication (3)
An intensive course in communication theory (oral and written) and the application of theory to oral presentations and to writing letters, memoranda, and reports. Prerequisites: ENGL 101 and 102.

COMM 333 Advanced Argumentation and Debate (3)
An examination of the processes by which people give reasons to justify their acts, beliefs, attitudes, and values, and to influence the thoughts and actions of others. Course topics include theories of argument construction, types of argumentation practices, and the ways argument theory is practiced in public and scholastic debate formats. Prerequisite: COMM 213 or permission of instructor.

COMM 335 Public Relations Writing (3)
This course builds on concepts learned in COMM 235 or MKTG 331, with a primary emphasis on managing relationships through the implementation of targeted writing skills. Traditional facets such as news releases, pitch letters and brochures will be emphasized along with research proposals, speechwriting and corporate documents. Persuasion and presentation skills will be stressed in addition to writing competence. Layout and design skills will also be broached contextually. Prerequisite: COMM 235 or MKTG 331.

COMM 340 Television News Reporting (3)
This course emphasizes television news gathering and the elements of planning, videotaping, interviewing, writing, producing, and editing news stories. Course work includes writing assignments, making news judgment and editorial decisions, and on-camera reporting and anchoring. Legal and ethical concerns are emphasized throughout the course. Prerequisite: COMM 240 or permission of the instructor.

COMM 344 American Public Address (3)
The study of American public address from the Depression to the present. Influential social and political leaders and their speeches will be studied for the purpose of understanding the techniques they used in preparing and presenting speeches; specific attention will be paid to the use of language, arguments, support materials, and the effectiveness of the speech. Prerequisite: Junior or senior standing or permission of instructor.

COMM 370 Gender and Communication (3)
This course explores the multiple relationships between gender and communication, specifically focusing on gender-based influences in communication between men and women, and how communication works to create gender roles and identity. The course integrates theory and practice to heighten our sensitivity to gender differences and similarities in the communication process.

COMM 375 Editing (3)
Principles, concepts, and practice of news and magazine editing, including copy reading, headline writing, makeup and design of pages, picture-editing techniques, and effective use of graphics and typography. Prerequisite: COMM 230 or permission of the instructor.

COMM 376 Public Affairs Reporting (3)
An intensive advanced-level writing course for print and broadcast media. Emphasis is on information gathering, evaluation, and processing and on writing complex and analytical stories. Prerequisite: COMM 230.
COMM 380 Studies in Communication (3, 3)
Special studies in oral, written, or print communication theory, and broadcast journalism. (Students may receive no more than six hours for two courses.) Prerequisites: Junior or senior standing or permission of instructor.

COMM 382 Theories of Rhetoric (3)
A survey of classical and contemporary rhetorical theory, focused on how various thinkers have analyzed the issues of form/content, audience, knowledge, cultural context, and strategies of discourse. Study of the differences among oral, written, and mediated communication, and the rhetorical aspects of effective expression and critical thinking. Readings range from Plato and Aristotle to Burke, Weaver, and Perelman. Prerequisites: COMM 210 and either junior or senior standing, or permission of instructor.

COMM 383 Media Criticism (3)
A critical examination of a variety of forms of media from a rhetorical perspective to identify and understand cultural assumptions made by the media. Course topics include methods of criticism, types of media persuasion, effects of media on the consumers of this discourse, and critical evaluation of media messages. Prerequisites: COMM 210 and either junior or senior standing, or permission of instructor.

COMM 384 Ethics in Communication (3)
An examination of issues of communication freedoms and the ethical responsibilities addressed by them. Course topics include defamation, invasion of privacy, stirring to prejudice and hatred, symbolic battery, intimidation and coercion, and an examination of different philosophical bases of ethical practices in communication. Prerequisites: COMM 210 and either junior or senior standing, or permission of instructor.

COMM 385 Advanced Photojournalism (3)
Principles and practices of advanced photojournalism for newspapers and magazines. Emphasis is on creative vision and the use of advanced camera and darkroom techniques. Visually oriented ideas are developed into photo essays and features. Prerequisite: COMM 285 or permission of instructor.

COMM 386 Media Law (3)
The study of federal and state regulations of both print and broadcast media to understand how legal mandates and constraints have defined the roles or the media in society. Course topics include historical and contemporary analysis of libel, privacy, free press and fair trial, access to government information, regulation of advertising, and regulation of broadcasting. Prerequisite: COMM 214.

COMM 387 Rhetoric of Social Movements (3)
This course explores the rhetorical strategies that initiate and sustain social movements. This course offers an analysis of the scope and constraints on public expression that aim to motivate social change and offers a review of critical perspectives on symbolic campaigns, argumentative styles, and persuasive functions typical of social movements. Prerequisites: COMM 210 and either junior or senior standing, or permission of instructor.

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 chairman. (Students may receive no more than six hours of credit for this course.)

COMM 407 Seminar in Communication Management (3)
A seminar course on the problems, issues, and practices affecting the business and management of mass media, including labor and personnel, advertising, circulation, news/editorial, ratings and shares, ethics, and issues management. Lectures by visiting media professionals.

COMM 435 Public Relations Campaigns (3)
The course builds on concepts learned in COMM 235 and COMM 335, with a primary emphasis on group work on behalf of an outside client. Students will engage in significant research elements such as focus groups and surveys, as well as budgets and timetables. Students formally present comprehensive research and proposals in portfolio or plan book to the client. Prerequisites: COMM 235 and COMM 335.

COMM 482 Rhetoric and Identity (3)
Rhetoric and identity explore the rhetorical construction of identity by examining various forums of expression: speeches, diaries, letters, websites, etc. Students will study how various groups utilize these forums to construct, maintain and alter identity. Prerequisites: COMM 210; COMM 382 is highly recommended.

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 three credits will be earned. Prerequisites: Junior or senior standing and 2.5 GPA in communication major or minor.

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.

Computer Science

CSCI 110 Computing Concepts and Applications (3)
A broad study of computer terminology, hardware and software, emerging technologies, and the social and ethical implications of a computerized society. This hands-on course includes the use of operating systems, Internet tools, and productivity software. Recommended skills are keyboarding and experience using a personal computer.

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. Recommended skills are keyboarding and experience with e-mail and web browser software. Prerequisite: CSCI 110 or 114 or 116 or permission of the instructor.

CSCI 114 Electronic Publishing and Design (3)
An investigation of electronic publishing and design theory and practice. Through the use of advanced application software skills, students will explore the tools of electronic communication, such as desktop publishing, web site design, introductory graphics and Internet resources. Recommended skills are keyboarding and experience using e-mail and web-browser software.

CSCI 116 Data Organization and Management (3)
An introduction to organization and management of electronic data intended for anyone who accumulates and analyzes data. Students will use productivity software to explore data relationships, data security, data integrity and avoidance of data redundancy. Topics include file maintenance, relational database design and management, with emphasis on complex queries, report design and beginning Visual Basic for Applications. Prerequisite: CSCI 110 or 112 or 114 or permission of instructor.

CSCI 130 Visual Basic for Applications (3)
A programming course using Visual Basic to access the programmable object libraries in productivity applications. Using a consistent integrated development environment, students will learn how to automate tasks and how to develop custom applications. Special topics covered include VB control structures, object models, Active X controls, interface design, debugging, and event handling.
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. Prerequisite: any computer science course or permission of instructor.
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 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. Prerequisites: MATH 111 or equivalent; co-requisite: CSCI 222.

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. Data structures include lists, stacks, and queues. Algorithms include searching and sorting. Lectures three hours per week. Prerequisites: CSCI 221 and 222.

CSCI 222 Computer 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. Prerequisites or co-requisite: CSCI 220.

CSCI 230 Data Structures and Algorithms (3)
This course reviews and develops the abstract data type as a mathematical model. Data structures and algorithms are developed as concrete realizations of the objects and operations of the abstract data type. Topics include a review of basic data structures, trees and graphs, and analysis of the efficiency of algorithms. Lectures three hours per week. F, S. 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, the memory, and the assembler and the linker. Programming exercises are developed in the assembly language of a commonly available processor. Lectures three hours per week. F, S. Prerequisites: CSCI 220 and 222.

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 222.

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, and procedure mechanisms and data abstraction. Lectures three hours per week. F. Prerequisites: CSCI 230 and MATH 207.

CSCI 325 Declarative Programming Languages (3)
This course introduces various approaches to declarative (non-procedural) programming languages. Topics include mathematical functions and the lambda calculus; functional programming; sequential and parallel logic; and logic programming. Lectures three hours per week. S. Prerequisites: CSCI 230 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 file models, query languages, relational database design using normal forms, and database programming. Problems will be assigned using a relational DBMS and SQL. Lectures three hours per week. F. Prerequisite: CSCI 230.

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 memory management, processor management, process synchronization and communication, I/O management, and file management. Lectures three hours per week. S. 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. F. Prerequisites: CSCI 250 and MATH 207.

CSCI 360 Software Architecture and Design (3)
This course covers the process of constructing software, including the structural views of software components, and their characteristics and interrelationships, at a high level of abstraction. The course also covers the design principles that govern the purpose, structure, development and evolution of software components. The informal laboratory component of the course uses software design tools to reinforce design processes and associated design representations. Lectures three hours per week. S. Prerequisite: CSCI 230.

CSCI 362 Software Engineering (3)
This course examines the discipline of software engineering. It provides both a historical and contemporary view of the engineering process and methodology used by software development organizations. This course will examine the software development life cycle with particular emphasis on the pertinent roles, activities, and artifacts present at each stage of development. Lectures three hours per week. F. Prerequisite: CSCI 230.

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. Stress the importance of good interfaces and the relationship of user interface design to human-computer interaction. Lectures three hours per week. F02, F04. Prerequisite: CSCI 230 or permission of the instructor.

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. F. 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. S02. Prerequisites: CSCI 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. S. 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. S. Prerequisites: CSCI 340 and MATH 250 and 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. F02, F03. Prerequisite: CSCI 340 or CSCI 350.

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. S. Prerequisite: CSCI 360 or CSCI 362.

CSCI 470  Principles of Artificial Intelligence (3)
A course introducing the principles of artificial intelligence, especially basic techniques for problem-solving and knowledge representation. Among topics covered are search strategies and heuristics, resolution, production systems, rule-base systems, expert systems, natural language processing, semantic nets and frames. Artificial intelligence programming techniques will also be introduced, particularly in Lisp or Prolog. Lectures three hours per week. F04. Prerequisite: CSCI 220 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, viewpoints, and clipping), 3-D perspective graphics, back-face removal, one or more hidden-surface graphics, and simple light models. Lectures three hours per week. S03. Prerequisite: CSCI 430, MATH 104 or CSCI 360.

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. Prerequisite: Senior standing.

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Decision Science

Please see "notes" in the general School of Business and Economics section of this catalog.

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. F, S, Su. Prerequisite: MATH 104 or 250.

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 300  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. F, S, Su. Prerequisite: Junior standing; MGMT 203, 204, DSCI 232, MATH 104 or 250.

DSCI 304  Production & 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. F, S, Su. Prerequisite: Junior standing; DSCI 232, MGMT 301, MATH 104 or 250.

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; ACTC 203, 204; DSCI 232; DSCI 300, junior or senior standing.

DSCI 314  Global Management of Technology (3)
The planning and control of global operations and information technology including demand forecasting, design of systems, planning techniques, inventory management, and quality assurance. This course will relate recent innovations in global operations management and information technology to global business strategy and integrate courses in management organization, marketing, accounting, and economics. F, S. Prerequisites: Junior standing; DSCI 232, MGMT 301, MATH 105 or 120, MATH 104 or 250.

DSCI 360  Special Topics in Decision Science (1–3)
An in-depth treatment of a current area 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. Prerequisite: 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. Prerequisite: Junior standing; permission of the tutor and the chair.

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 quantify decision making, with extensive use of computers and computer-assisted solution methods. Prerequisites: Junior standing; DSCI 232; MATH 104, MATH 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. Prerequisite: 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. The student will work 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 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.
Economics

Please see "notes" in the general School of Business and Economics section of this catalog.

NOTE: Any economics course (three hours) satisfies three hours of the College's social science requirement.

ECON 101 Introduction to Economics (3)
This course covers the history of the development of present-day economic society as well as the problems facing the economy including policies directed at achieving inflation, unemployment, and recession, and international trade. Students who have completed ECON 201 or 202 may not subsequently receive credit for ECON 101. However, students may receive credit for ECON 101 before taking ECON 201 and 202. This course satisfies three hours of the social science requirement.

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. F, S, Su.

ECON 202 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. A prerequisite for courses at the 300 level and higher. F, S, Su. Prerequisite: ECON 201.

HONS 211 Honors Macroeconomics (3)
HONS 212 Honors Microeconomics (3)
Macroeconomics and microeconomics courses introduce the principles of economics and the history of the development of that theory. Calculus is a prerequisite for both courses, and HONS 211 or its equivalent is a prerequisite for HONS 212. (Satisfies the general education requirement in the social sciences and the principles of economics requirement for students majoring in economics or business.)

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.

NOTES: ECON 201 and 202 and junior standing are prerequisites for all 300- and 400-level economics courses.

All 300- and 400-level economics courses assume the student is computer literate.

ECON 301 Principles of Microeconomics (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 nonpecuniary aspects of the employment relationship. Topics include the supply and demand for labor, investments in human capital, unions, and collective bargaining, government policies affecting labor. Prerequisites: Junior standing; ECON 201, 202, MATH 105 or 120 or permission of instructor.

ECON 302 Principles of Macroeconomics (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 financial institutions. Prerequisites: Junior standing; ECON 201, 202, MATH 105 or 120 or permission of instructor.

ECON 303 Money and Financial Institutions (3)
A detailed discussion of Federal Reserve policy tools, controversies in monetary policy, proposed reforms, and a comprehensive overview of monetary theory. Prerequisites: Junior standing; ECON 201, 202, MATH 105 or 120 or permission of instructor.

ECON 304 Labor Economics (3)
A study of the principle contributions to economic theory and methodology of the relationship of these contributions to their time and to each other. Prerequisites: Junior standing; ECON 201, 202; MATH 105 or 120 or permission of instructor.

ECON 305 Evolution of Economic Doctrines (3)
A study of the principle contributions to economic theory and methodology of the relationship of these contributions to their time and to each other. Prerequisites: Junior standing; ECON 201, 202; MATH 105 or 120 or permission of instructor.

ECON 306 Monetary Policy and Theory (3)
A study of classical, Keynesian, and post-Keynesian economic models and the mechanics of the monetary system. F, S. Prerequisites: Junior standing; ECON 201, 202, MATH 105 or 120.

ECON 307 Urban Economics (3)
A study of the economics of urban systems 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. S. Prerequisites: Junior standing; ECON 201, 202, MATH 105 or 120 or permission of instructor.

ECON 308 Evolution of Economic Systems (3)
An approach to the problems of international 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. S. Prerequisites: Junior standing; ECON 201, 202; MATH 105 or 120 or permission of instructor.

ECON 310 International 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 how this allocation might be made more efficient. Prerequisites: Junior standing; ECON 201, 202, MATH 105 or 120 or permission of instructor.

ECON 311 Environmental Economics (3)
The growth and development of the U.S. economy from the Colonial period to the present is 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 201, 202, or permission of instructor.

ECON 312 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, and market structures, and factor pricing. F. Prerequisites: Junior standing; ECON 201, 202, MATH 105 or 120.

ECON 313 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. S. Prerequisites: Junior standing; ECON 201, 202, MATH 105 or 120.

ECON 314 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 201, 202, MATH 104 or 250, MATH 105 or 120 or permission of instructor.

ECON 315 Economics for Development (3)
An analysis of international poverty and inequality, developmental theory, and trade policy for developing countries, international investment, the balance of payments, foreign exchange, exchange rate systems, and international economic policy. S. Prerequisites: Junior standing; ECON 201, 202, MATH 105 or 120 or permission of instructor.

ECON 320 Comparative Economic Systems (3)
An analysis and appraisal of the theories and practices underlying economic systems. Consideration is given to capitalism, socialism, and communist models and policies. S. Prerequisites: Junior standing; ECON 201, 202, MATH 105 or 120 or permission of instructor.

ECON 325 Financial Markets in the U.S. Economy (3)
An introduction to the operation of financial markets in the U.S. economy, emphasizing market instruments and the use of these instruments by various financial
Elementary and Early Childhood Education

EDEE 311 Literature for Children (3)
A review of old and new literary materials suitable for elementary school children. The art of storytelling, teaching techniques, various literary forms, and integration of literature with other facets of the curriculum will be emphasized. Prerequisite: Class rank of junior or above.

EDEE 316 Teaching of Creative Arts (3)
An examination of objectives, content, instructional materials, teaching practices, and procedures relating to the fine arts and creative arts on the elementary and middle school levels. The integration of music, drama, puppetry, movement education, and graphic expression will assist the teacher in utilizing the creative arts within the regular classroom. Prerequisite: EDVS 201 and class rank of junior or above.

EDEE 321 Teaching Health and Physical Education (3)
A course designed to develop instructional techniques as related to health and physical education, movement education theory, and the integration of elementary and middle school studies through movement experiences; included is an examination of health concepts and health programs. Prerequisite: EDVS 201 and class rank of junior or above.

EDEE 323 Development of Mathematical Thinking (3)
This course focuses on the factual knowledge, procedural 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 and 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 in 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 other courses in the semester.

EDEE 360 Early Childhood Curriculum and Development (3)
An analysis of early childhood curricular models to include the current and historical philosophies which guide them and the child development theories which form them. Students will examine the physical, emotional, social, and cognitive components of children at different stages of development in relation to the design and implementation of a developmentally appropriate curriculum. Prerequisite: EDVS 201 and class rank of junior or above.

EDEE 361 Methods and Materials in Early Childhood Education (3)
Students are introduced to methods and materials needed by teachers in their multiple roles of facilitating the social, emotional, physical, and cognitive development of young children. Pertinent information related to establishing more effective relationships with parents and increasing parental involvement will also be addressed. Prerequisite: EDEE 350.

EDEE 362 Practicum in Early Childhood Education (3)
A supervised field experience requiring a minimum of 40 hours of direct contact with young children in a preschool or kindergarten setting. Related seminar participation required. Prerequisites: EDEE 360, 361, and class rank of junior or above.

EDEE 385 Teaching of Language Arts (3)
An introductory course in the methods and materials, issues, trends, and research in teaching communication skills to elementary and middle-school students. Encoding and decoding skills in both oral and written language will be studied. Prerequisites: EDEE 307, 315, EDVS 201, and class rank of junior or above.

EDEE 390 Social Studies and Humanities for Teachers (3)
Introduction to basic social studies instruction in grades 1–8; curriculum content, teaching strategies, and instructional materials. A study of the humanities and how they relate to the social studies curriculum is included. Particular emphasis is placed on integration of history, geography, and civics education with other areas of the curriculum. Prerequisites: EDVS 201 and class rank of junior or above.

EDEE 430 Teaching of Reading in the Elementary School (3)
A study of reading skills in relation to the psychological bases, developmental principles, and historical and current issues in reading practice. Prerequisites: EDVS 201 and class rank of junior or above.

EDEE 431 Mathematics for Elementary Teachers (3)
An analysis of the components of the real number system and their applications. Additional topics include those commonly covered in the mathematics curriculum of the elementary school. Prerequisites: EDVS 201 and completion of the college’s mathematics requirement or permission of the instructor and class rank of junior or above.
**EDEE 432 Teaching Elementary School Science (3)**
A basic course in science education, providing an overview of the content, methods, and materials in teaching biological and physical sciences in the elementary school. Prerequisites: EDEE 385 and class rank of junior or above.

*NOTE: This is the third and final practicum course.*

**EDEE 433 Early Adolescent Students and Their Teachers (4)**
The course is intended to investigate the cognitive, affective, and psychomotor characteristics of the 10-14-year-old student. A profile of the effective teacher of these students will be developed with respect to teacher attitude and efficient application of instructional evaluation and classroom management techniques. (Practicum required.)

**EDEE 450 Clinical Practice in the Elementary School (12)**
A course in which students are placed in a local elementary school to observe, teach, and participate during the entire school day for a minimum of 90 days. Weekly on-campus seminars also are required. Students must apply for admission to student teaching one semester prior to enrollment. The deadline for application for fall semester student teaching is the last school day in September. The deadline for application for spring semester student teaching is the last school day in February. Prerequisites: Admission to the teacher education program and successful completion of all required courses.

**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 1) historical and philosophical antecedents, 2) conflicting perceptions of middle school, 3) definitions of middle school and middle level concept, 4) characteristics of the emerging adolescent and related program implications, 5) change factors involved in conversion to the middle school concept, 6) evaluation methods for determining school effectiveness, and 7) speculation on the future of the middle school movement.

**EDEE 580 Special Topics in Education**
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.

**Engineering**
A description of the college's engineering options appears in the "Special Programs" section of the catalog.

**ENGR 110 Engineering Graphics (2)**
A course for the introduction of engineering graphics as a problem-solving tool. Areas of study include use of instruments; geometric construction; theory of orthographic points; lines, planes, and solids; sectional views; auxiliary views; dimensioning; isometric drawings; and design drawings. An introduction to computer-assisted design (CAD) is provided. Lecture one hour per week; laboratory three hours per week.

**ENGR 112 Introduction to Engineering (3)**
Study of engineering curricula, branches of engineering, basic concepts of engineering, professional ethics, the engineer in society, and registration. Introduction to the engineering problem-solving process; engineering analysis and design techniques, including engineering calculations, statistical analysis, vectors, and three-dimensional vectors; vector operations; moments; equilibrium; work and energy; and D.C. circuit analysis. A scientific calculator, the capabilities of which will be specified by the instructor, will be required. Lectures three hours per week. Co-requisite: MATH 111.

**ENGR 205 Statics (3)**
A study of forces and force systems and their external effect on bodies, principally the condition of equilibrium of particles and rigid bodies. Includes a study of distributed forces, centroids and center of gravity, moments of inertia, analysis of simple structures and machines, and various types of friction. The techniques of vector mathematics are employed and the rigor of physical analysis is emphasized. Lectures three hours per week. Prerequisites: ENGR 112 or PHYS 201 and permission of the instructor. Co-requisite: MATH 220.

**ENGR 206 Dynamics (3)**
A continuation of ENGR 205. A study of kinematics of particles and rigid bodies, kinetics of particles with emphasis on Newton's second law; energy and momentum methods for the solution of problems, and applications of plane motion of rigid bodies. Techniques of vector mathematics are employed. Lectures three hours per week. Prerequisites: ENGR 205 and MATH 220.

**ENGR 210 Circuit Analysis (3)**
A study of D.C. resistive circuits; Kirchhoff's Laws; independent and dependent sources; nodal and mesh analysis; superposition; Thevenin's and Norton's theorems; maximum power transfer; natural response of RC, RL, and RLC circuits; forced response of RC, RL, and RLC circuits; operational amplifiers; sinuosoidal analysis and phasors. Lectures three hours per week. Prerequisites: ENGR 112 and MATH 220.

**English**

**ENGL 101 Composition and Literature (3)**
A study of expository and argumentative writing. Composition stresses organization, coherence, structure, mechanics, and the fundamentals of research. Essays and short stories are used for stylistic analysis and composition topics.

**ENGL 102 Composition and Literature (3)**
Continued study of expository and argumentative writing and of the preparation and writing of research papers. Plays and poetry are used for composition topics. Prerequisite: ENGL 101.

**ENGL 201 Major British Writers (3)**
A study of major works of representative writers from the Medieval period through the eighteenth century. Emphasis on close reading and literary history.

**ENGL 202 Major British Writers (3)**
A study of major works of representative writers from the Romantic period to the present. Emphasis on close reading and literary history.

**ENGL 203 Survey of European Literature (3)**
A survey of the literature of Europe in English translation (exclusive of British literature) from ancient Greece through the Renaissance.

**ENGL 204 Survey of European Literature (3)**
A survey of the literature of Europe in English translation (exclusive of British literature) from neoclassicism through the 20th century.

**ENGL 207 Survey of 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.

**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.

**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. Prerequisites: ENGL 101 or 102.

**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.
ENGL 220 Poetry Writing I (3)
A workshop examining the careful use of language in poetry, designed to help students gain insight into their own writing and the craftsmanship of other poets (open to beginners and experienced writers). Prerequisites: ENGL 101 and 102.

ENGL 221 Poetry Writing II (3)
A continuation of ENGL 220. Prerequisite: ENGL 220 or permission of the instructor.

ENGL 223 Writing Fiction (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. Prerequisites: ENGL 101 and 102.

ENGL 224 Advanced Fiction Writing (3)
This workshop will take a more critical look not only at student works but at selected classic and contemporary short-story collections. Students will subscribe to a literary journal of their choice. Some attention will be given to proper manuscript preparation in anticipation of submitting for publication. Prerequisites: ENGL 101, 102, and 223, or consent of instructor.

ENGL 233 Survey of Non-Western Twentieth-Century Literature (3)
An introduction to selected 20th-century masterpieces of non-Western literature in English.

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.

ENGL 240 Science Fiction (3)
An introduction to the main themes and issues of science fiction, including both "hard" or scientifically oriented science fiction (time problems, robots, alien life forms, clones) and "soft" or socially oriented science fiction (conditioning, new forms of family and government, questions of gender and sexuality). Prerequisites: ENGL 101 and 102.

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.

NOTE: For English majors, ENGL 201, 202 and 207 are prerequisites for all courses at or above the 300 level.

ENGL 301 Shakespeare: The Early Period (3)
ENGL 302 Shakespeare: The Later Period (3)

ENGL 303 Modern English Grammar (3)
A study of grammatical analysis, with emphasis upon transformational-generative grammar.

ENGL 304 Chaucer (3)
Selections from his major poetic works in the original.

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.

ENGL 306 Milton (3)
The poetry and selected prose of John Milton.

ENGL 307 Introduction to Old English (3)
An introduction to the Old English language with selected readings of prose and poetry from the seventh through the 11th century, including the epic poem Beowulf in translation.

ENGL 308 Spenser (3)
A reading of selections from the minor poems and The Faerie Queene complete. Emphasis will be placed on Spenser's relation to European literature as well as on his position in the English tradition.

ENGL 311 Middle English Literature: Non-Chaucerian (3)
ENGL 312 History of the 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.

ENGL 313 African American Literature (3)
A survey of African American literature from the mid-18th century to the present.

ENGL 314 Non-Dramatic Literature of the Renaissance (3)
A study of poetry and prose of 16th-century Britain, with emphasis on political and ethical backgrounds and the poetry of Spenser.

ENGL 317 The Seventeenth Century (3)
A study of poetry and prose of 17th-century England emphasizing the works of Donne, Jonson, Herbert, Marvell, Bacon, Browne, Hobbes, and Locke.

ENGL 318 The Eighteenth Century (3)
A study of the poetry and prose of 18th-century Britain.

ENGL 319 Literary Criticism (3)
Major critical approaches to literature, in theory and practice, from Aristotle to the present.

ENGL 320 Literature for Adolescents (3)
An introduction to the varieties of literature relevant to the adolescent, incorporating major literary genres and appropriate media.

ENGL 321 The Romantic Period (3)

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.

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.

ENGL 326 Irish Literature (3)
A study of the major movements and authors in Irish literature from 1798 to the present. The authors will include W.B. Yeats and James Joyce and may include Maria Edgeworth, Somerville and Ross, Lady Gregory, John Synge, Sean O'Casey, and Seamus Heaney, among others.

ENGL 327 The British Novel: I (3)
A study of the major British novelists of the 18th century.

ENGL 328 The British Novel: II (3)
A study of the major British novelists of the 19th century.

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.

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.

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.

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.

ENGL 338 Modern Drama (3)
A study of the significant developments in British and American drama from Shaw to the Theatre of the Absurd.

ENGL 339 Advanced Creative Writing (3)
Prerequisites: ENGL 220, 221 or 223, 224, 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.

ENGL 341 Twentieth-Century Southern Literature (3)
A study of representative writers of the period, such as Faulkner, O'Connor, Welty, and Warren.
ENGL 342 Colonial and Revolutionary American Literature (3)
An intensive study of representative writers from the Age of Exploration through the early 19th century.

ENGL 343 American Renaissance, 1830–1870 (3)
A study of American prose and poetry from the beginnings of the Romantic Era to the beginnings of the Age of Realism. The course will cover such writers as Poe, Emerson, Thoreau, Fuller, Melville, Hawthorne, Douglass, Longfellow, Whittier, Whitman, and Dickinson.

ENGL 346 Contemporary American Fiction (3)

ENGL 347

ENGL 348 Writing the Novel (3, 3)
A two-semester course for writers with 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 in the first semester; an additional 50–75 pages in the second. Prerequisites: Either ENGL 223 or 224, and consent of the instructor.

ENGL 349 American Novel to 1900 (3)
A study of American novelists of the 18th and 19th centuries, such as Rowson, Brown, Foster, Hawthorne, Melville, Alcott, Twain, Lowell, James, Chopin, Chesnutt, and Crane. This course will also examine the development of the genre itself.

ENGL 350 Major Authors (3, 3)
An intensive study of one or two major British or American writers. (Students may receive no more than six hours credit for this course.)

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 film maker's responses 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.

ENGL 353 African Women Writers (3)
An introduction to the writings of African women, including Buchi Emecheta, Mariama Mbi, Fadhla Amrouche, Nadine Gordimer, and others.

ENGL 354 Jewish-American Literature
A study of 20th-century Jewish-American literature; specific topics may vary from semester to semester.

ENGL 355 The American Short Story (3)
A study of the development of the American short story from its beginnings in the early 19th century to its varied examples at the end of the twentieth century.

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.

ENGL 357 Contemporary British Literature (3)
A study of representative writers from 1945 to the present focusing on writers' responses to earlier traditions of realism and modernism. Works will include fiction, drama, and poetry by such authors as Martin Amis, A.S. Byatt, Tom Stoppard, Philip Larkin, and Seamus Heaney.

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.

ENGL 360 Major Literary Themes (3, 3)
A thorough investigation of a theme or topic of central importance in British or American literature. (Students may receive no more than six hours of credit for this course.)

ENGL 370 Major Literary Genres (3, 3)
A detailed examination of a significant literary form or type. (Students may receive no more than six hours of credit for this course.)

ENGL 382 Theories of Rhetoric
A survey of classical and contemporary rhetorical theories. Students will focus on how various thinkers have analyzed the issues of form/content, audience, knowledge, cultural context, and strategies of discourse. Study of the differences among oral, written, and mediated communication, and the rhetorical aspects of effective expression and critical thinking. Readings range from Plato and Aristotle to Burke, Weaver, and Perelman.

ENGL 390 Studies in Film (3, 3)
A detailed study of a filmmaker, topic, or genre. (Students may receive no more than six hours of credit for this course.) Prerequisite: ENGL 212 or permission of the instructor.

ENGL 395 Special Topics (3, 3)
Subjects to be announced as offered. (Students may receive no more than six hours of credit for this course.)

ENGL 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.

ENGL 400 Seminar (3)
A detailed study of an author, topic, or genre. Open to juniors and seniors with permission of the instructor.

ENGL 401 Studies and Problems (3)
Special studies, developed by visiting lecturers or individual department members, designed to supplement or to investigate more fully offerings in the department. Announcement of the particular subject is made prior to registration for the term in which offered. Offered at the discretion of the department and open to students with 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.)

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: 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.

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 grade point ratio 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 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.

English as a Second Language

ESOL 105 ESL Practicum I (3)
Develops competency in speaking and understanding English. Daily conversations in discussion groups are based on the grammar topics; written assignments follow the practice sessions. Prerequisite: Enrollment restricted to students who are non-native speakers of English, and who have satisfied the department placement policies.

ESOL 111 ESL Practicum II (3)
Continuation of ESOL 105 with emphasis on developing skills in speaking, English. Prerequisite: ESOL 105 or permission of the instructor.
Environmental Studies Courses

ENV 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. F, prerequisite: Sophomore standing.

ENV 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 instructor and coordinator of program.

ENV 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-requisite or prerequisite: At least three courses in environmental studies minor. Prerequisite: If cross-listed with special topics course in another department, the prerequisites of that department will apply.

ENV 395 Interdisciplinary Environmental Studies Seminar (1)
An interdisciplinary seminar on current environmental issues. May be taken twice with approval of coordinator. S, Co-requisites or prerequisites: At least three courses in the environmental studies minor.

Finance

Please see "notes" in the general School of Business and Economics section of this catalog.

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, accounting, or economics majors and who have minimal training in finance. This course is designed for the second-year 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. F, S, Su. Prerequisites: Junior standing; ACCT 203, 204, ECON 201, 202, MATTH 104 or 250, DSCT 232 suggested.

FINC 313 Management of Financial Institutions (3)
The theory and practice of bank management is developed. The fundamental principles underlying the management of bank assets are emphasized. Attention is directed to the allocation of funds among various classes of investments and banking operating costs and to changing bank practices. S, Prerequisites: Junior standing; ACCT 203, 204, FINC 303, ECON 201, 202, MATTH 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. F, S, Prerequisites: Junior standing; ACCT 203, 204, FINC 303, ECON 201, 202, MATTH 104 or 250.

FINC 350 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 201, 202; MATTH 104 or 250; or permission of the instructor.

FINC 375 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. F, S, Prerequisite: Junior standing.

FINC 380 Real Estate Financing and Investing (3)
Theoretical and pragmatic methods of analyzing real estate investment opportunities are evaluated in the context of personal and business investment objectives. Topics include cashing statements, appraisal techniques, tax implications, mortgage options, and the calculation of investment yield, APR, and the effective rate of interest charged. S, Prerequisites: Junior standing; ACCT 203, 204, FINC 303, ECON 201, 202, MATTH 104 or 250.

FINC 382 International Financial Markets (3)
An introduction to the operation of international financial markets emphasizing the determination of exchange rates, foreign exchange markets and instruments. F, S, Prerequisites: Junior standing; ECON 201, 202.

FINC 385 Principles of Risk Management and Insurance (3)
This course is designed to generate an awareness of risk, its effects on individual and business decisions, and the importance of insurance as a risk financing technique. The relationship between risk management and the functional areas of business is examined. Course content includes property and liability insurance, life and health insurance, workers’ compensation and employee benefits. F, Prerequisite: Junior standing.

FINC 386 Risk Management (3)
A study of the risk management process, the steps it involves, and the administrative aspects underlying the risk management process. Focus is on the exposures to accidental losses facing organizations and the relationship between risk management and the functional areas of business. S, Prerequisites: Junior standing; ACCT 203, 204, FINC 303, ECON 201, 202, MATTH 104 or 250.

FINC 399 Tutorial (3, repeatable up to six hours)
Individual instruction given by a tutor in regularly scheduled meetings (usually once a week). Prerequisites: ACCT 203, 204; ECON 201, 202; MATTH 104 or 250, FINC 383, junior standing; 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. F, Prerequisites: Junior standing; ACCT 203, 204, DSCT 232, FINC 303, ECON 201, 202, MATTH 104 or 250.

FINC 410 Seminar in Finance (3)
Case analysis in financial problems of the firm emphasizing: analysis of the demand for funds, external and internal sources of funds and their cost to the firm, problems of the multinational firm, and other techniques of financial management such as capital budgeting, cash budgeting, and optimal capital structure. F, S, Prerequisites: Junior standing; ACCT 203, 204, DSCT 232, FINC 303, ECON 201, 202, MATTH 104 or 250.

FINC 420 Independent Studies (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 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 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.
Foundations, Secondary and Special Education

EDFS 201 Introduction to 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: Prerequisite to all other education courses.

EDFS 303 Human Growth and the Educational Process (3)
An introduction to the general principles of life-long human growth and development and their relationship to the educational process. Emphasis on physical, social, intellectual, and emotional development and their interaction with educational variables.  F, S, Su. Prerequisite: EDFS 201 and class rank of junior or above.

NOTE: Candidates who have received credit for PSYC 311 prior to beginning a teacher education program should not take EDFS 303 (credit will not be awarded).

EDFS 305 Adolescent Growth and Development (3)
A study of the growth and development of adolescents with emphasis upon the process of socialization, psychological implications, and intellectual development. Appropriate field experiences required. Prerequisites: EDFS 201 and class rank of junior or above.

EDFS 309 Educational Psychology (3)
A study of some of the ideas of theorists and psychologists that have had an impact on contemporary learning theory and educational practices. Candidates will examine the areas of motivation, diagnosis and prescriptive teaching, behavior and discipline, classroom management, and evaluation. Prerequisites: EDFS 201 and class rank of junior or above.

EDFS 326 Technology for Teachers (3)
An introductory course for pre-service teachers to use technology in the classroom. The course includes both awareness and functional levels of educational technology. Participants are made aware of technology terminology, types and components of technology, and the potential use of technology in education. In addition, candidates learn to evaluate hardware and software.  F, S, Su. Prerequisites: EDFS 201 and class rank of junior or above.

EDFS 330 Classroom 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. F, S, Su. 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, 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. Pre- or co-requisite: EDFS 303 or equivalent.

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. Prerequisites: 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 354 Introduction to the Education of Persons with Severe and Profound Disabilities (3)
An introductory study of causes, characteristics, and educational practices associated with students with severe and profound disabilities. Interdisciplinary management is emphasized. Includes field experiences with persons with severe and/or profound disabilities. Field experience 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. Pre- or co-requisite: 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 in the Instruction of Students with Disabilities (3 hours, repeatable up to 6)
Supervised field experiences requiring a minimum of 40 hours of direct instruction of children or youth with disabilities. Related seminar required. 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 427 Mathematics for Students with Disabilities (3)
A course designed to provide candidates with an extensive understanding of how 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 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. F, S. Prerequisites: Admission to the teacher education program and completion of all education courses.

EDFS 455 Literacy and Assessment in the 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: 1, 2, 3, 4, 5, 6
An in-depth, content-specific study of the theory and practice of teaching for secondary education majors. The course reflects current state and national teaching standards. It teaches practitioners to be reflective practitioners. Candidates must register for a section corresponding to their academic major. F.
EN: English (3)
SC: Science (3)
SS: Social studies (3)
MA: Mathematics (3)
HL: Languages (3)
PE: Physical education K–12 (4)

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. F, S. 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 Crisis 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. F, S.

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

NOTE: For foreign language courses that range from 101 to 202, successful completion of a higher level course prohibits a student from taking a lower level course in the same language for credit.

FREN 101
FREN 102 Elementary French (3, 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: FREN 101 open only to beginning students of French; placement or FREN 101 is a prerequisite for 102.

NOTE: A student having completed FREN 101 and 102 may not take FREN 150 or 155 for credit.

FREN 101C
FREN 102C Elementary French Conversation Supplement (1, 1)
A one-hour weekly session for intensive listening-speaking practice in French utilizing vocabulary and grammatical structure presented in the corresponding basic course. Co-requisite: To be taken concurrently with the basic sequence course in which the student is currently enrolled, or in conjunction with the corresponding intensive language course (150).

NOTE: Credit may not be applied to fulfill the language requirement nor may it count toward the major.

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.

NOTE: Not offered in the spring semester. A student receiving credit for FREN 105 cannot take the equivalent sequence 101 or 102 for credit. Conversely, a student who has completed FREN 101 or 102 may not take FREN 105 for credit.

FREN 113 Language Practicum I (3)
Intensive M A master or summer session course designed to develop conversation skills in French through guided activities and practice.

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. F, S. 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 Crisis 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. F, S.

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

NOTE: For foreign language courses that range from 101 to 202, successful completion of a higher level course prohibits a student from taking a lower level course in the same language for credit.

FREN 101
FREN 102 Elementary French (3, 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: FREN 101 open only to beginning students of French; placement or FREN 101 is a prerequisite for 102.

NOTE: A student having completed FREN 101 and 102 may not take FREN 150 or 155 for credit.

FREN 101C
FREN 102C Elementary French Conversation Supplement (1, 1)
A one-hour weekly session for intensive listening-speaking practice in French utilizing vocabulary and grammatical structure presented in the corresponding basic course. Co-requisite: To be taken concurrently with the basic sequence course in which the student is currently enrolled, or in conjunction with the corresponding intensive language course (150).

NOTE: Credit may not be applied to fulfill the language requirement nor may it count toward the major.

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.

NOTE: Not offered in the spring semester. A student receiving credit for FREN 105 cannot take the equivalent sequence 101 or 102 for credit. Conversely, a student who has completed FREN 101 or 102 may not take FREN 105 for credit.

FREN 113 Language Practicum I (3)
Intensive M A master or summer session course designed to develop conversation skills in French 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.

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 who wish to accelerate their studies of French. Students who have completed FREN 101, 102, or 105 may not receive credit for FREN 150.

LITR 150 French Literature in (English) Translation (3)
Study of selected works from a number of literatures which offer different perspectives on the world and humankind.

FREN 201
FREN 202 Intermediate French (3, 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: Placement, FREN 102 or 105 for 201, placement or FREN 201 for 202.

FREN 201C
FREN 202C Intermediate French Conversation Supplement (1, 1)
Optional one-hour weekly sessions for intensive listening-speaking practice in French, utilizing vocabulary and grammatical structure presented in a 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 toward the major.

FREN 213 Language Practicum II (3)
Intensive Maymaster or summer session course designed to strengthen communicative skills in French and enhance awareness of French-speaking cultures. Recommended especially for students preparing for study abroad.

NOTE: This elective course may not count toward the major or minor.

FREN 220 Special Assignment Abroad
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 who seek 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.

LITR 250  French 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.

FREN 313
FREN 314  French Conversation and Composition (3, 3)
Intensive practice in the written and spoken language. Assigned readings and compositions. The course will be conducted in French. Prerequisite: FREN 202 or 250 or placement for 313; 313 or placement for 314.

FREN 314C  Advanced French Conversation (1)
A course dedicated to communicating in French with active participation on the students' part. This course will not count toward the French major.

FREN 314C  Advanced French Conversation (1)
A course dedicated to communicating in French with active participation on the students' part. This course will not count toward the French major.

FREN 322  Survey of Literature I (3)
An overview of French literature from the Middle Ages through the 18th century. This course is designed to introduce students to technical vocabulary necessary for critical analysis of different genres. Prerequisite: FREN 313 or permission of the instructor.

FREN 323  Survey of French Literature II (3)
An overview of French literature of the 19th and 20th centuries. Students will be introduced to the literary movements of this period. Prerequisite: FREN 313 or permission of the instructor.

FREN 324  French Civilization and Literature (3)
French civilization, history, and customs studied through literature; through the 17th century Prerequisite or corequisite: FREN 313 or permission of instructor.

FREN 325  French Civilization and Literature (3)
A continuation of FREN 324, with emphasis on the Enlightenment, the 19th century, and contemporary France. Prerequisite or corequisite: FREN 313 or permission of the 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 a 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. Offered only in fall semester. Prerequisite: FREN 313 or 314 and one course from the sequence FREN 322, 323, 324, 325 or permission of instructor.

FREN 342  Advanced 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. Prerequisite: FREN 313 and 314 or permission of the instructor.

FREN 343  La France Contemporaine (3)
Readings, activities, and discussion of culture and life in modern France.

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 instructor.

LITR 350  French Literature in (English) Translation (3)
Study of selected works by an author whose influence is felt in the world at large.

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.

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: Senior standing or departmental approval.

FREN 370  Studies in French 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.

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, ethical marketing practices, products/services, channels of distribution, pricing and promotions in public and private sectors as well as profit and non-profit organizations. The course is offered in French and cross-listed with MKTG 362.

FREN 381  French for Business I (3)
An introduction to the practical vocabulary and syntax used in normal French business transactions. Topics will cover: role of government in French economy, structure of French firms, banking, communication, mindset, and business correspondences. Cultural components of international business as well as oral skills adapted to international business practice will be emphasized.

FREN 382  French for 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 include: sales, advertising, negotiation, banking, imports and exports, will reinforce oral and written communication.

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).

FREN 431  The Middle Ages and Renaissance in France (3)
Study of the beginnings and development of the earliest forms of the novel: The Chansons de geste and Roman de la Courtois through Rabelais; the evolution of French lyrical poetry through La Pléiade; the growth of theatre from the drama religious and farce through the birth of French tragedy; and the Humanist movement with an emphasis on Montaigne. Texts will be read in modern versions.

FREN 432  The 17th Century (3)
French Neoclassicism: Descartes, Pascal, Boileau, La Fontaine, the moralists and orators.
This course will survey the historical, religious, and cultural aspects of various cultures, with emphasis on the French experience as portrayed by contemporary women novelists: Colette, Louise de Vilmorin, Françoise Sagan, Simone de Beauvoir, Nathalie Sarraute, Marguerite Duras, and Christiane Rochefort.

FREN 480 History of the French Language (3)
This evolution of the French language from Latin to the modern era. Content will focus on the development of the phonological, morphological, and syntactic systems. Passages from Old French and Middle French texts will be read and analyzed from a linguistic viewpoint. Prerequisite: FREN 342 and one course at the 400 level or permission of the instructor.

FREN 483 French Fairy Tales: Word and Image (3)
A study of Perrault’s tales within the context of 17th-century literary, historic, and artistic life. The works will be approached from a multi-disciplinary, multi-cultural point-of-view. Various approaches such as psychoanalytic, structural, and socio-folkloric will be discussed, and translations of the tales into different mediums such as film, opera and ballet will be studied.

FREN 490 Seminar: 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. Prerequisite: Permission of the instructor.

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.

Freshman Seminar
FRSR 101 (2)
The purpose of this course is to introduce you to the value and applications of a liberal arts education. In addition, this course focuses on the benefits of becoming an active member of the academic community by developing self-awareness and awareness of the college community and the community at large.

The course is designed to help freshmen:
1) Understand the natural-world changes they will undergo during the college experience and the roles they will play as students. 2) Identify personal and work values, establish realistic career and life goals. 3) Obtain information about academic programs including course, major, and graduation requirements. 4) Understand occupational implications of their educational choices. 5) Develop or improve study and time management skills. 6) Become familiar with the college’s procedures, resources, and services.

NOTE: This course is an elective which applies toward degree requirements.

Geology and Environmental Geosciences

GEOL 101 Dynamic Earth (3)
This course examines many aspects of the Earth: its internal structure and composition, air, oceans, atmosphere, and processes such as erosion by streams, wind, and glaciers, and the folding and faulting of solid rock; as well as earthquakes, volcanic activity, and plate tectonics. Lectures three hours per week. A student cannot obtain credit for both GEOL 101 and GEOL 103. Natural science general education requirement is satisfied by taking either GEOL 101 and GEOL 103 or GEOL 105 and GEOL 106.

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 obtain credit for both GEOL 101 and GEOL 103. Natural science general education requirement is satisfied by taking either GEOL 101 and GEOL 105 or GEOL 103 and GEOL 105.

GEOL 103 Environmental Geology (3)
This course provides an introduction to the study of environmental geology. The course emphasizes how humankind lives with geological hazards such as earthquakes, volcanoes, landslides, and floods. The course will examine the application of the science of geology to 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. Natural science general education requirement is satisfied by taking either GEOL 101 and GEOL 103 or GEOL 105 and GEOL 106.

GEOL 103L Environmental Geology Laboratory (1)
A laboratory course to accompany GEOL 103. Laboratory three hours per week. Co-requisite: GEOL 103. Natural science general education requirement is satisfied by taking either GEOL 101 and GEOL 105 or GEOL 103 and GEOL 105.

GEOL 105 Earth History (3)
An overview of the 4.5 billion-year-long 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.

GEOL 105L Earth History Laboratory (1) 
A laboratory course to accompany GEOL 105. Laboratory: three hours per week. Co-requisite or prerequisite: 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 207.

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. Prerequisites: GEOL 101 or 103 or permission of the instructor.

GEOL 207 Marine Geology (3) 
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 and 105, or permission of the instructor.

GEOL 210 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 and GEOL 105, GEOL 333 (recommended), or permission of the instructor.

GEOL 212 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 and CHEM 101 or 111, or permission of the instructor.

GEOL 225 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 ground water 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, and GEOL 212 or permission of the instructor.

GEOL 232 Introduction to Petrology (4) 
A study of the origin, evolution, classification, composition and physical properties of igneous and metamorphic rocks. The two rock groups are related to petrophysical, petrochemical, and tectonic environments. Identification of hand samples and thin sections is taught in the laboratory. Lectures: three hours per week; laboratory: three hours per week. Prerequisites: GEOL 101 or 103, GEOL 105, and GEOL 212 or permission of the instructor.

GEOL 290 Special Topics in Geology (1–4) 
This course will be used to offer an examination of topics in geology in which a regular course is not offered. Prerequisites: GEOL 101 or 103, GEOL 105, and GEOL 212 or permission of the instructor.

GEOL 300 

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. Prerequisite: Junior class standing or departmental approval.

GEOL 312 Field Methods (3) 
Measurement of geologic structures and sections, note taking, and sample collecting will be described in lecture and illustrated in the field. Students will construct topographic and geologic maps and write geologic reports and abstracts. The field use of the Brunton compass, plane table and alidade, aerial photographs, and altimeters will be stressed. Lectures two hours per week; laboratory: three hours per week. Prerequisites: GEOL 101 or 103, GEOL 105, and GEOL 352, or permission of the instructor.

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; MATH 111 or MATH 120, or permission of the instructor.

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, and 212, or permission of the instructor.

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 laboratory. Lectures: three hours per week; laboratory: three hours per week. Prerequisites: GEOL 101 or 103, GEOL 105, or permission of the instructor.

GEOL 338 Hydrogeology (4) 
An introduction to the historical development, significance and underlying theory of the controls on ground-water 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, and MATH 111 or MATH 120, 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, and MATH 111 or MATH 120, or permission of the instructor.

GEOL 360 Field Studies (4) 
Field course to be taken at any one of the approved college or university-sponsored field stations (consult your advisor). It should include instruction in the use of geologic field instruments and the preparation of geologic maps and sections. Prerequisites: GEOL 101 or 103, GEOL 105, 210, 212, and 352, or permission of the department.

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, 210, and 352 or permission of the instructor.
GEOL 416 Paleocology (4)
Interpretation of ancient environments from the study of rocks and their contained fossil organisms. Emphasis will be placed on the recurrent paleoplankton—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, 202, 210, 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 non-carbonate chemical rocks. Lectures: three hours per week; laboratory: three hours per week. Prerequisites: GEOL 101 or 103, GEOL 105, 210 and 352, or permission of the instructor.

GEOL 440 Igneous and Metamorphic Petrology (4)
Description, classification, occurrence, and genetic significance of igneous and metamorphic rocks. Emphasis is placed on the mineralogy and physical chemistry of silicate and non-silicate 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, 210 and 352, or permission of the instructor.

GEOL 441 Aqueous Geochemistry (4)
Course focuses on a quantitative understanding of the major classes of inorganic geochemical reactions that control the composition of natural and contaminated ground and surface water systems. Laboratory will focus on collection methods for ground and surface water samples, analysis of dissolved solutes, and interpretation of water quality data. Lecture three hours per week; laboratory three hours per week. Prerequisites: GEOL 101 or 103, and CHEM 101 or 111 or permission of instructor.

GEOL 442 Geological Applications 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 and 314. 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 338 or permission of 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, 103, GEOL 105, 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 seminar 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

NOTE: For foreign language courses that range from 101 to 202, successful completion of a higher level course prohibits a student from taking a lower level course in the same language for credit.

GRMN 101

GRMN 102 Elementary German (3, 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; placement or GRMN 101 is a prerequisite for 102.

NOTE: A student having completed GRMN 101 or 102 may not take GRMN 150 for credit.

GRMN 101C

GRMN 102C Elementary German Conversation Supplement (1, 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 towards 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.

LTGR 150 German Literature in (English) Translation (3)
Study of selected works from a number of literatures which offer different perspectives on the world and humankind.

GRMN 201

GRMN 202 Intermediate German (3, 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, GRMN 102 for 201; placement or GRMN 201 for 202.

NOTE: Having completed GRMN 201 or 202, the student may not take GRMN 250 for credit.

GRMN 201C

GRMN 202C Intermediate German Conversation Supplement (1, 1)
Optional one-hour weekly sessions for intensive listening and speaking practice in German, utilizing vocabulary and grammatical structure 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 Language Practicum II (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 practical use of the basic language skills and conversational German. 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. Completing the requiremets of 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.

LTGR 250 German Literature in 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.

LTGR 270 Studies in German Film (3)  
An introductory course on German cinema with rotating topics such as Postwar German Cinema, Exile Cinema, 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.

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.  
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.

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. Prerequisites: GRMN 202, 250, placement, or permission of 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. Prerequisites: GRMN 202, 250, placement, or permission of instructor.

GRMN 325 German Contemporary Issues (3)  
A course in 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. Additionally, 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 also radio programs, film documentaries, newspapers, magazines, and advertising. Extensive use of the Internet will be included. Prerequisites: GRMN 202, 250, placement, or permission of 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, socioeconomic, and cultural issues in the country visited. Information from the communications media (newspapers, magazines, TV, etc) will be used and discussed wherever 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 Commercial Practice).  
NOTE: Prerequisites for GRMN 463 and 466: two 300-level German courses: one of which must be either GRMN 313 or 314, or consent of the instructor. For the remaining 400-level German courses: one 300-level German course or consent 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). Prerequisites: one 300-level German course or permission of 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, the performing arts) as well as
Popular culture (behavior patterns, beliefs and values, social norms). Prerequisite: one 300-level German course or permission of instructor.

**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.

**GRMN 460 German Literary Heritage (3)**
A course focused on acknowledged masterpieces of German literature prior to the twentieth 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 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, minority literature. May be repeated under a different topic. Prerequisite: one 300-level German course or permission of instructor.

**GRMN 472 Studies in German Cinema (3)**
Study of selected classic and cult films of German cinema from the beginnings 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 instructor.

**GRMN 490 Seminar: 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.

### Greek (Ancient)

**GREK 100**

Instruction designed to enable the student to read elementary ancient Greek. Prerequisite: GREK 101 is a prerequisite for 102.

**GREK 102**

Ancient Greek (3, 3)

**GREK 201**

Attic Greek (3)
Selected readings from Attic prose or verse.

**GREK 202**

Attic Greek (3)
Continuation of selected readings from Attic prose or verse.

**GREK 203**

New Testament Greek (3)
Selected readings from the New Testament.

**GREK 204**

New Testament Greek (3)
A continuation of selected readings from the New Testament.

**GREK 205**

Homeric Greek (3)
Selections from Homeric epic poetry.

**GREK 206**

Old Testament Greek (3)
Selected readings from the Septuagint version of the Old Testament.

**GREK 290**

Special Topics (3)

**GREK 330**

Collateral Study (1-3)
Individually supervised course of reading in Greek 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.

**GREK 371**

Readings in Greek Literature: Poetry (3)
Selected readings from one or more of the genres of Greek poetic literature. Prerequisite: Two 200-level Greek courses.

**GREK 372**

Readings in Greek Literature: Prose (3)
Comprehensive readings of Plato, readings of the historians Herodotus and Thucydides, or reading of the Greek orators as represented by Lysias, Demosthenes, and Isocrates. Prerequisite: 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

**HEAL 216**

Personal and Community Health (3)
An overview of the factors that affect one's ability to achieve and maintain 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 diseases, and family planning. 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 (3)
An examination of the factors involved in the selection and evaluation of health services and products. Topics will also include pharmacy, consumer health laws, and health insurance considerations.

**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**

Nutrition Education (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 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 physiolog-
ical health and well-being, common physiological and
psychological health problems and cultural as well as
societal influences on women's health.

HEAL 325 Worksite Health Promotion (3)
The educational, organizational, economical, and envi-
ronmental 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.

HEAL 347 Emergency Preparedness and
First Aid (4)
First aid procedures for illness and injury, as well as
preparations for emergency situations. Environmental,
psychological, and sociological factors in accidents will be
addressed. Lectures three hours per week; lab three hours
per week. Prerequisite: Junior (60 hours plus) status.

HEAL 390 Chronic and Communicable
Diseases (3)
The study of prevalent chronic and communicable
diseases and their prevention. The causes, progression,
departures from normal body functioning, relationship-
ship of disease to functional ability, and preventive and
curative aspects of specific diseases will be discussed.
Prerequisite: Junior (60 hours plus) status.

HEAL 399 Tutorial
(3, repeatable up to 12)
Individual instruction given by a tutor in regularly sched-
uled meetings (usually once a week). Prerequisites: 
Junior status, plus permission of the tutor and the depart-
ment 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 depart-
ment 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 lab-
atory class that requires participation in the daily activi-
ties 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 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 educa-
tion-related courses.)

Hebrew

NOTE: For foreign language courses that range from
101 to 202, successful completion of a higher level course
prohibits a student from taking a lower level course in the
same language for credit.

HBRW 101

HBRW 102 Elementary Hebrew (3, 3)
Introduces the fundamental structures of Hebrew with
emphasis on acquisition of the basic language skills:
reading and listening comprehension, and oral and writ-
ten expression. Prerequisites: HBRW 101 is open only to
beginning students of Hebrew; placement or HBRW 101 is
a prerequisite for 102.

HBRW 150 Hebrew Literature in
Translation (3)
Study of selected works from a number of literatures
which offer different perspectives on the world and human-
kind.

HBRW 201

HBRW 202 Intermediate Hebrew (3, 3)
Develops a basic proficiency in Hebrew through practice
in the use of basic language skills and acquisition of
vocabulary. Prerequisites: Placement, HBRW 102 for 201;
placement or HBRW 201 for 202.

LTHB 250 Hebrew Literature in (English)
Translation (3)
Study of selected works, representing major literary peri-
ods and genres, which illuminate another language and
culture or era of a shared human condition.

HBRW 290 Special Topics (3)

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 read-
ings 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.

LTHB 350 Hebrew Literature in (English)
Translation: A Foreign Author (3)
Study of selected works by an author whose influence is
felt in the world at large.

HBRW 390 Special Topics (3)

LTHB 450 Hebrew 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.

History

NOTE: Students may choose either the European sur-
vey (101-102) or the World History survey (103-104) to
satisfy the general education requirement in history.

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 which 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 pres-
ent. The course will examine the individuals, institu-
tions, and ideas which 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.

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.

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 200 Historiography: Methods of
Inquiry in History (3)
A critical study of the nature of history, examining the ori-
gins of historical writing, the different theories of histori-
cal development taken by major philosophers of history,
the problems of historical understanding for the would-be
historian, and examples of the conflict of opinion over the
interpretation of major trends and events. Prerequisites:
HIST 101–102 or HIST 101–104.

NOTE: Students, and most especially those who
anticipate going to graduate school, are encouraged to
take HIST 200, which is not included under the areas
of distribution.
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: HIST 101-102 or HIST 103-104.

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: HIST 101-102 or HIST 103-104.

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: HIST 101 or 103 or HIST 104.

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: HIST 101 or 103 or 104.

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: HIST 101 or 102 or 103 or 104.

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: HIST 101 or 102 or 103 or 104.

HIST 214  American Ethnic History: 1607 to the Present (3)
American ethnic adjustments and immigration patterns from colonial times to the present. They treat a diverse peoples, the frontier, urbanization, anti-ethnic responses, and post-1945 trends of ethnic militancy and societal accommodation. Prerequisites: HIST 101 or 102 or 103 or 104.

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, freedom and abolitionism, and the social and political implications of the Civil War as these affected black people. Prerequisites: HIST 101 or 102 or 103 or 104.

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: HIST 101 or 102 or 103 or 104.

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 feminist mystique, the Civil Rights Movement. Prerequisites: HIST 101 or 102 or 103 or 104.

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: HIST 101 or 102 or 103 or 104.

HIST 224  History of the 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: HIST 101 or 102 or 103 or 104.

HIST 225  History of the 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: HIST 101 or 102 or 103 or 104.

HIST 226  History of Modern France (3)
The course will offer a survey of the history of France from the French Revolution to the present. Topics include the wars of unification, the rise of Social Democracy, the Bismarckian State, Wilhelmine Society, the Weimar, the Third Reich, the FRG and GDR, and the second unification. Prerequisites: HIST 101 or 102 or 103 or 104.

HIST 227  History of Modern Europe (3)
Introductory examination of major themes in European history since 1500. Specific topic will be listed with the course title when offered. Prerequisites: HIST 101 or 102 or 103 or 104.

HIST 228  History of Modern France (3)
French Revolution and Napoleon; autobiography, 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: HIST 101 or 102 or 103 or 104.

HIST 229  Political and Social History of Germany from 1866 to the 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 Bismarckian State, Wilhelmine Society, the Weimar, the Third Reich, the FRG and GDR, and the second unification. Prerequisites: HIST 101 or 102 or 103 or 104.

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: HIST 101 or 102 or 103 or 104.

HIST 231  Ancient Greece (3)
Greek civilization from its beginnings to Alexander the Great. Emphasis on political, economic, social, and intellectual movements. Prerequisites: HIST 101 or 102 or 103 or 104.

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: HIST 101 or 102 or 103 or 104.

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: HIST 101 or 102 or 103 or 104.

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: HIST 101 or 102 or 103 or 104.

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: HIST 101 or 102 or 103 or 104.

HIST 242  History of Modern France (3)
French Revolution and Napoleon: autobiography, 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: HIST 101 or 102 or 103 or 104.

HIST 244  Political and Social History of Germany from 1866 to the 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 Bismarckian State, Wilhelmine Society, the Weimar, the Third Reich, the FRG and GDR, and the second unification. Prerequisites: HIST 101 or 102 or 103 or 104.

HIST 245  Tsarist Russia to 1796 (3)
Kievan Rus', the Mongol Invasions, and the rise of Muscovy. The development of Russian culture, society, and politics from Ivan the Terrible through the reigns of Peter the Great, with emphasis on the themes of orthodoxy, autocracy, and serfdom. Prerequisites: HIST 101 or 102 or 103 or 104.

HIST 246  Imperial Russia to 1917 (3)
Nineteenth-century Russian politics, literature, and society from Catherine the Great to Nicholas and Alexandra, with emphasis on the themes of nationalism, imperialism, populism, socialism, and economic backwardness. Prerequisites: HIST 101 or 102 or 103 or 104.

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: HIST 101 or 102 or 103 or 104.

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: HIST 101 or 102 or 103 or 104.
Jewish life and thought, early modern Jewish religious, social, economic, and intellectual roots of revolution and conquest, exploration and conquest by Europeans, the topics include definitions of Jewish culture, medieval topics of modern Jewish thought and culture.  

**HIST 261 Special Topics in Modern Asia, Africa or Latin America (3)**  
Introduction of historical development in Asia, Africa or Latin America since 1500. Prerequisites: HIST 101—102 or 103—104.

**HIST 262 Colonial Latin America (3)**  
A survey of Spanish and Portuguese colonial America since 1500. Topics include native populations on the eve of conquest, exploration and conquest by Europeans, the development of transmigrant colonies, the colonial economies, the institutions of Ibero-American empires, the social, economic, and intellectual roots of revolution and independence movements. Prerequisites: HIST 101—102 or 103—104.

**HIST 263 Modern Latin America (3)**  
A survey of Spanish and Portuguese America since the wars for independence. Topics include the aftermath of the independent 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: HIST 101—102 or 103—104.

**HIST 264 Caribbean to 1800 (3)**  
Students will examine the history of the Caribbean from first human settlements to about 1800 AD. Topics include contact and exchange between Americans, Europeans, and Africans; European colonial empires in the tropics; the rise of the plantation complex and slavery; the culture of slave colonies; and the impact of the American, French, and Haitian Revolutions. Prerequisites: HIST 101—102 or 103—104.

**HIST 265 Caribbean Since 1800 (3)**  
Students will examine the history of the Caribbean since 1800. Topics include the abolition of the Atlantic slave trade, and ultimately slavery itself by the late 19th century; the economic, social, and political adjustments to freedom; Cuban wars for independence; the rise of the U.S. as a regional power; regional problems of development; the Cuban Revolution. Prerequisites: HIST 101—102 or HIST 103—104.

**HIST 266 Aztecs, Maya and Their Ancestors (3)**  
This course is a multi-disciplinary approach to the study of Mesopotamia (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. Prerequisites: HIST 101—102 or 103—104 or permission of the instructor.

**HIST 270 Special Topics in Pre-Modern History (3)**  
Introductory examination of major themes of World History to 1500. Specific topic will be listed with the course title when offered. Prerequisites: HIST 101—102 or 103—104.

**HIST 272 Pre-Colonial Africa (3)**  
An introduction to the pre-colonial history of sub-Saharan Africa. Special attention will be focused 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: HIST 101—102 or 103—104.

**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: HIST 101—102 or 103—104.

**HIST 276 Medieval 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: HIST 101—102 or 103—104.

**HIST 277 The 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: HIST 101—102 or 103—104.

**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: HIST 101—102 or 103—104.

**HIST 283 History of Modern China (3)**  
A study of Chinese history from 1800 to the present, emphasizing the transformation of the Chinese empire into a modern national state. Topics include imperialism, nationalism, revolution, communism, and the Four Modernizations. Prerequisites: HIST 101—102 or 103—104.

**HIST 285 Indian Subcontinent Since 1500**  
This survey course will introduce students to the history and culture of the Indian Subcontinent (modern India, Pakistan, Sri Lanka, Nepal, Bhutan, and Bangladesh) since 1500. The course will focus on the Mughals, the rise of European powers, the Raj, independence, and its aftermath. Prerequisites: HIST 101—102 and HIST 103—104.

**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: HIST 101—102 or 103—104.

**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 post-war transformation. Prerequisites: HIST 101—102 or 103—104.

**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: HIST 101—102 or 103—104.

NOTE: 300-level courses require more extensive research and writing skills than 200-level courses.

**HIST 292 Disease and Medicine in World History (3)**  
The interaction of disease, medicine, and history from the ancient world to the present. Topics will include the role of the nature and ethology of disease in a world historical context, the role of disease as an "actor" on the world historical stage, and efforts of different cultures to combat disease. Prerequisites: HIST 101, 102 or HIST 103, 104.

**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: HIST 101—102 or 103—104.

**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: HIST 101—102 or 103—104.

**HIST 303 History of the United States: The Young Republic, 1800–1845 (3)**  
The origin of American political parties, the War of 1812, nationalism, "The Era of the Common Man," reform movements, Manifest Destiny, slavery, and sectionalism. Prerequisites: HIST 101—102 or 103—104.

**HIST 304 History of the United States: The 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: HIST 101—102 or 103—104.

**HIST 305 History of the United States: The Response to Industrialism, 1877–1918 (3)**  
The rise of corporate capitalism, the labor movement, populism, progressivism, urbanization, the new immigration, "Jim Crow" legislation, and America's entry into World War I. Prerequisites: HIST 101—102 or 103—104.
HIST 306 History of the United States: Affluence and Adversity, 1918–1945 (3)
Domestic impact of World War I, Versailles Treaty and League of Nations, the Red Scare, Republican Normalcy, social tensions and cultural conflicts in the 1920s, the Great Depression, Roosevelt and the New Deal, World War II. Prerequisites: HIST 101–102 or 103–104.

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 feminism mystique to women's liberation, the Indochina War, the New Left, the counterculture, and the New Nixon, Watergate, Ford, Carter, the Reagan/Bush era, and the recent past. Prerequisites: HIST 101–102 or 103–104.

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: HIST 101–102 or 103–104.

HIST 311 Diplomatic History of the United States, 1776–1898 (3)
The foundations of American foreign policy, tendencies toward isolation and expansion, disputes with foreign countries and their settlement, and the activities of American diplomatic representatives. Prerequisites: HIST 101–102 or 103–104.

HIST 312 Diplomatic History of the United States Since 1898 (3)
The emergence of America as a world power, the persistence of isolationism sentiment, the diplomacy of the world wars, and the commitment to the Atlantic Community and the other forms of collective security. Prerequisites: HIST 101–102 or 103–104.

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: HIST 101–102 or 103–104 or permission of the instructor.

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: HIST 101–102 or 103–104 or permission of the instructor.

HIST 333 Witches, Saints and Heretics (3)
Students will examine the development of Christian ideas of spirituality and heresy with special attention to the outbreak of the European witch-craze and the relationship of witchcraft and heresy. Students will address the questions: who was a witch? a saint? a heretic? when? and why? Prerequisites: HIST 101–102 or 103–104.

HIST 334 European Social History to 1800 (3)
A study of material life, social conditions, and elite and popular mentalities in Europe. Specific topics and time period will be designated by the instructor. Prerequisites: HIST 101–102 or 103–104.

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: HIST 101–102 or 103–104.

HIST 337 The 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: HIST 101–102 or 103–104.

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: HIST 101–102 or 103–104.

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. Prerequisites: 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: HIST 101–102 or 103–104.

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: HIST 101–102 or 103–104.

HIST 347 Special Topics in Modern European History (3)
Intensive examination of a major theme in European history since 1500. Specific topic will be listed with course title when offered. Prerequisites: HIST 101–102 or 103–104.

HIST 354 Tudor England, 1485–1603 (3)
A survey of political, economic, and social developments in England from 1485 to 1603. Areas of concentration will include the Wars of the Roses, the Reformation, and the English Renaissance. Prerequisites: HIST 101–102 or 103–104.

HIST 355 Stuart England, 1603–1714 (3)
A survey of Stuart society and politics. Topics will include major political developments such as the English Civil War, Restoration, and the Glorious Revolution, the philosophical and literary works of Locke, Hobbes, Dryden, and Milton, the relationship between Protestantism and capitalism, the emergence of the modern family, and cultural developments in theatre, music, and architecture. Prerequisites: HIST 101–102 or 103–104.

HIST 356 Georgian Britain (3)
A study of the interrelationships of society, politics, and culture in 18th-century England. Prerequisites: HIST 101–102 or 103–104.

HIST 357 Victorian Britain (3)
A social and cultural history of Britain at the peak of its power and influence. Prerequisites: HIST 101–102 or 103–104.

HIST 359 Modern Jewish History: French Revolution to the 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: HIST 101–102 or 103–104.

HIST 361 Special Topics in Asia, Africa, and Latin America (3)
Intensive examination of major themes in European history since 1500. Specific topic will be listed with the course title when offered. Prerequisites: HIST 101–102 or 103–104.

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: HIST 101–102 or 103–104.

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 nineteenth century society, the first republic, the impact of President Vargas, industrialization, the military, and race and other aspects of modern society. Prerequisites: HIST 101–102 or 103–104.
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 nineteenth century. This will be done by way of a comparative framework, which will examine North and South America, as well as the Caribbean. Prerequisites: HIST 101-102 or HIST 103-104.

HIST 370 Special Topics in Pre-Modern History (3)
Intensive examination of a topic in World History to 1500. Specific topic will be listed with course title when offered. Prerequisites: HIST 101-102 or 103-104.

HIST 372 North Africa (The Maghrib) Since 1800 (3)
The people of the Maghrib, the era of the Ottoman conquest, European conquest and colonialism, nationalism, and current problems in the region, also the Maghribi role in the Organization of African Unity and the Arab League. Prerequisites: HIST 101-102 or 103-104.

HIST 373 West Africa Since 1800 (3)
An advanced course in modern West African history, dealing with both English and French West Africa and following both a thematic and chronological approach. Prerequisites: HIST 101-102 or 103-104.

HIST 377 Iran/Persia: From Cyrus to Ayatollah Khomeini (3)
A survey of the evolution of Persian religion, culture, society, and institutions, from ancient Achaemenid civilization to the release of the American hostages. Topics examined will include Zoroastrianism, Shi'ism, Sufism, Bahaiism, nationalism, OPEC, the Shah, and the Islamic Revolution. Prerequisites: HIST 101-102 or 103-104.

HIST 400 Seminar (3)
A topical seminar focused around a central historical problem. Prerequisites: HIST 101-102 or 103-104.

HIST 402 Tutorial (3, repeatable up to 12)
Individual instruction given by a tutor in regularly scheduled meetings (usually once a week). Prerequisites: HIST 101-102 or 103-104, 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, 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: HIST 101-102 or 103-104 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: HIST 101-102 or 103-104, 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: HIST 101-102 or 103-104, 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: HIST 101-102 or 103-104.

HIST 461 Research Seminar in Modern Asia, Africa, or 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: HIST 101-102 or 103-104.

HIST 470 Research Seminar in Pre-Modern 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: HIST 101-102 or 103-104.

HIST 473 Pan Africanism/OAU (3)
This course will critically examine the cultural and political contexts involved in the unification and homogenization of continental Africans and those of the diaspora, the reasons for the founding of the Pan-African Movements, the convening of the Pan-African Congress of 1900, the significance of the 1945 Manchester Congress, and the formation of the Organization of African Unity (OAU) in 1963 and its contemporary role in the regional unification of the continent. Prerequisites: HIST 101-102 or 103-104 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: HIST 101-102 or 103-104, 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 member of the department will serve as second reader. A copy of the paper will be kept in the department office. Prerequisites: HIST 101-102 or 103-104, juniors and seniors only and 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: HIST 101-102 or 103-104, juniors and seniors only and permission of the instructor, the department chair and the department.

Honors

HONS 105

HONS 106 Honors English (3, 3)
Satisfies the general education requirement in English.

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).

HONS 120

HONS 130 Honors Colloquium in Western Civilization (6, 6)
This 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. HONS 120 examines the development of Western civilization from its origins in the ancient Near East through the Renaissance and Reformation. HONS 130 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 toward the satisfaction of the general education requirement in humanities.

HONS 151 Honors Biology I (4)

HONS 151L Lab (0)

HONS 152 Honors Biology II (4)

HONS 152L Lab (0)
Completion of HONS 151 and 152 satisfies the general education requirement in natural science.

HONS 153 Honors Chemistry I (4)
Additional material to be determined in part by the students with advanced placement credit for MATH 120. The course will cover the material of MATH 220, plus menl for students majoring in economics or business.

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. 

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. 

HONS 240 Honors Colloquium: Value and Tradition in the Non-Western 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, 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. 

NOTE: Satisfies the general education requirement in humanities. 

HONS 246 Honors Colloquium in the History and Philosophy of Science (3, 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. 

NOTE: Satisfies the general education requirement in humanities. 

HONS 250 Honors Colloquium: The History of Science (3-6)
This seminar is intended to introduce students to non-Western cultures. 

HONS 255 Honors Colloquium: The History of Science (3-6)
This seminar is intended to introduce students to non-Western cultures. 

HONS 260 Honors Colloquium: The History of Science (3-6)
This seminar is intended to introduce students to non-Western cultures. 

HONS 270 Honors Introduction to Philosophy (3)
An examination of problems in central areas of philosophy including metaphysics, epistemology, and ethics. 

NOTE: Satisfies the general education requirement in humanities. This course may not be taken for credit if credit has been received for PSTG 103.

HONS 280 Honors Principles and Practices in Hospitality and Tourism (3) 
Pre-requisites: MKTG 202, 302, 352, and 362.

HONS 290 Honors Independent Study (1-3; repeatable up to 6) 
Individual supervised reading and/or research on a topic or project agreed upon by the student and the instructor. 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 which provides an opportunity for all senior Honors Program 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 product proposal must be submitted in writing and approved by the Honors Program committee prior to registration for the course.

Hospitality and Tourism

Please see notes in the general School of Business and Economics section of this catalog.

HTMT 210 Principles and Practices in Hospitality and Tourism (3)
An overview of the hospitality and tourism field including its historical development, major components, functions, and current and future trends. F, S.

HTMT 260 Special Topics in Hospitality and Tourism (1-3)
An in-depth treatment of a current area of special concern within the field of hospitality and tourism.

HTMT 350 Hospitality and 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. F. Prerequisites: Junior standing; HTMT 210, MKTG 302, ECON 201, 202.

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. S. Prerequisites: Junior standing; HTMT 210 or permission of instructor.

Courses
ITAL 102  Elementary Italian (3, 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 open only to
beginning students of Italian; placement or ITAL 101 is a
prerequisite for 102.

ITAL 201

ITAL 202  Intermediate Italian (3, 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: Placement or ITAL 102 for 201; placement
or ITAL 201 for 202.

ITAL 250 Italian Literature in (English)
Translation (3)
Study of selected works from a number of literatures
which offer different perspectives on the world and
humankind.

ITAL 313

ITAL 314  Italian Conversation and
Composition I (3, 3)
Provides intensive practice in the written and spoken lan-
guage while introducing contemporary cultural mate-
rials. 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 a maximum of six credit hours in conjunc-
tion with other primary courses.

ITAL 350  Italian Literature in (English)
Translation (3)
Study of selected works by an author whose influence is
felt in the world at large.

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 361. Italian literature from the 18th
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 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.

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.

Japanese

NOTE: For foreign language courses that range from
101 to 202, successful completion of a higher level course
prohibits a student from taking a lower level course in
the same language for credit.

JPNS 101

JPNS 102  Elementary Japanese (3, 3)
Introduces the fundamental structures of Japanese with
emphasis on acquisition of the listening and speaking
language while introducing contemporary cultural materi-
als. Prerequisite: ITAL 202 or placement, or permission
of the instructor.

JPNS 201

JPNS 202  Intermediate Japanese (3, 3)
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. Prerequisites: Placement
or JPNS 102 for JPNS 201; placement or JPNS 201 for
JPNS 202.
Jewish Studies

JWST 200 Introduction to Jewish Studies (3)
A multidisciplinary introduction to Jewish studies. The course will examine religious, historical, literary, and sociological approaches to the study of the Jewish tradition. Readings might include religious texts, Bible commentary, Jewish philosophy, mysticism, Hasidism, Jewish literature, and modern Jewish thought.

NOTE: This course may not be taken for credit if credit has been received for RELS 225.

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, Mendelssohn, Rosenzweig, Buber, and Levinas.

NOTE: This course may not be taken for credit if credit has been received for PHIL 240.

JWST 300 Special Topics (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 400 Independent Study (3)
Individually supervised readings and study of some major philosophical themes within the Jewish tradition. Readings might include religious texts, Bible commentary, Jewish philosophy, mysticism, Hasidism, Jewish literature, and modern Jewish thought. A project proposal must be submitted in writing and approved by the director prior to registration for the course.

Latin

NOTE: For foreign language courses that range from 101 to 202, successful completion of a higher level course prohibits a student from taking a lower level course in the same language for credit.

LATN 101
LATN 102 Elementary Latin (3, 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; placement or LATN 101 is a prerequisite for 102.

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
LATN 202 Intermediate Latin (3, 3)
Completes the introduction to basic Latin grammar, syntax, and vocabulary, followed by an introduction to the reading of Latin literature. Prerequisite: Placement or LATN 102 or 150 for LATN 201; placement or LATN 201 for LATN 202.

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.

NOTES: 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.

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.

LATN 305 Medieval Latin (3)
An introduction to the reading of Medieval Latin prose and verse.

NOTE: LATN 301 and 305 are prerequisites for all other 300-level Latin courses.

LATN 321 Cicero (3)
Selected readings from one or more of Cicero's speeches, letters, or philosophical works.

LATN 322 Vergil (3)
Selections from the Aeneid will be read.

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.

LATN 371 Roman Comedy (3)
Representative plays of Plautus and Terence will be read.

LATN 372 Roman Satire (3)
Survey of Roman satirical literature with emphasis on Horace and Juvenal.

LATN 373 Roman Biography (3)
A study of the Roman biographical tradition with readings from Cornelius Nepos, Tacitus or Suetonius.

LATN 390 Special Topics (3)
Intensive study of a particular author or theme.

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 (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.
Latin American and Caribbean Studies

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, national parks, and Pinar del Rio province among other sites will be an integral part of this course.

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.

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 400 Independent Study in Latin American and Caribbean Studies (1-3)
This course is designed for the student seeking to do specialized reading and/or research in a topic on Latin America or the Caribbean.

Learning Strategies

EDLS 100 Learning Strategies for College Students (3)
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 may not be applied toward degree requirements.

Library

LIBR 101 Introduction to Bibliography and Research Methods
Development of basic techniques for conducting academic research. The focus of the course will be practical library utilization and evaluation of library resources. Instruction culminates with the production of a final bibliography. Lectures, two hours per week for seven weeks.

LIBR 105 Electronic Resources for Research
This course concentrates upon theory and application of electronic information resources for research purposes. These sources will include online library systems, computerized indexes/abstracts, the Internet and CD ROM databases. Some basic knowledge and understanding of library research is assumed.

Linguistics

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 and variation, and computational 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 classical studies, it does not count toward the minimum degree requirement.

Management

Please see "notes" in the general School of Business and Economics section of this catalog.

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 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 and 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. F, S. Prerequisite: Junior standing.

MGMT 307 Human Resource Management (3)
A review of personnel policies, procedures, planning, staffing, training, and development, compensation, administration, and union-management relations. F, S. Prerequisite: Junior standing; MGMT 301.

MGMT 308 Managing Diversity (3)
This course will examine demographic diversity in today's global environment. It will begin by exploring global immigration, assimilation, 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. F. Prerequisite: Junior standing.

MGMT 319 The Creation of New Business Enterprises (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. F. Prerequisite: Junior standing.

MGMT 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. F, S. Prerequisites: Junior standing, ECON 201 and 202.
MGMT 325 Comparative International Management (3)
This course examines the management systems in various organizations around the world. Traditional management functions and the behavioral dimensions of managing international organizations across various countries of the world are discussed. The socio-economic profile of the countries provides the background for critical analysis of the current management problems. Prerequisites: Junior standing; MGMT 301.

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. F, S. Prerequisite: Junior standing.

MGMT 345 Leadership and Management Development (3)
An investigation of the factors which 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 which can be easily visualized. F, S. Prerequisite: Junior standing.

MGMT 360 Special Topics in Management (1-3)
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 390 The New South Carolina: Foreign and 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. Offered in alternate Maymesters only. Prerequisites: Junior standing; ECON 201 and 202 or permission of the instructor.

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 visits, 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. This is a travel-abroad program offered in alternate Maymesters. Application process through the chair of the management and marketing department and Office of International Programs. Prerequisites: Junior standing; ECON 201 and 202 or permission of the instructor.

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 and Change (3)
An experiential learning design for studying the impact of individuals, groups, and structures on behavior within the organization for the purpose of applying that knowledge toward improving an organization's effectiveness. F, S. Prerequisites: Senior standing; MGMT 301.

MGMT 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: Junior standing; ACCT 203, 204, MGMT 301, MKTG 302, FINC 303, ECON 201, 202, and MATH 104.

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. F, S. Prerequisites: Senior standing; ACCT 203, 204, DSCI 232, 304, ECON 201, 202, FINC 303, MGMT 301, MKTG 302, MATH 104, 105; BLAW 205 and DSCI 300 are recommended but not required.

MGMT 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 strategies to solve company problems or take advantage of promising opportunities. F, S. Prerequisites: Senior standing; ACCT 203, 204, DSCI 232, 314, ECON 201, 202, FINC 303, MGMT 301, MKTG 302, 326, MATH 104 and 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. Prerequisite: Senior standing and declared major in the School of Business and Economics.

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. F, S. Prerequisite: Junior standing. Co-requisites: MGMT 319 or 405, or permission of the instructor.

MGMT 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.

Marketing
Please see "notes" in the general School of Business and Economics section of this catalog.

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 mix, branding and packaging, channels of distribution, pricing, advertising, and salesmanship. F, S. Prerequisite: Junior standing. Co-requisites: MGMT 301, 302.

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. F, S. Prerequisite: Junior standing; ECON 201, 202.

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, social, and cultural elements in different nations. Emphasis is placed...
on marketing techniques and methods of expanding participation in foreign markets. F, S, Su. Prerequisites: Junior standing; MKTG 302, ECON 201 and 202.

**MKTG 327 Seminar in International Marketing (3)**
This course is an introduction to contemporary marketing philosophies as they relate to the culture and practices in a specific foreign or domestic environment. Emphasis is on current marketing strategies developed by international or domestic firms in that country. Methods of distribution and promotion for product and service mixes will be evaluated. Domestic and/or foreign travel is required. Prerequisites: Junior standing; MKTG 302, ECON 201 and 202, or permission of the instructor.

**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. F. Prerequisites: Junior standing; MKTG 302, ECON 201 and 202.

**MKTG 329 Consumer Behavior (3)**
The objectives of this course are: 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. F. Prerequisites: Junior standing; ECON 201, 202, MKTG 302.

**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. F, S, Su. Prerequisites: Junior standing; MKTG 302, ECON 201, 202.

**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. F, S. Prerequisite: Junior standing.

**MKTG 333 Purchasing and 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. F, S. 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. Prerequisite: 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: Junior standing; written agreement with instructor and chair.

**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. Prerequisite: Senior standing; and declared major in the School of Business and Economics.

**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**

Before enrolling in a mathematics course, all entering students are advised to consult with their major academic advisor, the Center for Academic Advising, or a member of the Department of Mathematics.

**NOTE:** The frequency with which courses are offered is determined primarily by student needs and the desire to offer a balanced program for our majors. Following each course description is a code that indicates when, at a minimum, the Department of Mathematics plans to offer each course. The code is: F: every fall semester; S: every spring semester; Su: every summer; U: odd year fall semesters; O: even year fall semesters; O/S: odd year spring semesters; E/S: even year spring semesters. The schedule is subject to change due to student interests and other factors such as availability of faculty and changes in the curriculum. Courses without a code are offered when there is sufficient interest from students and faculty.

**MATH 099 College Algebra Lab (1)**
A laboratory program required for students in designated sections of MATH 101. The program will supplement class instruction. Other activities may include viewing videos on algebra topics and the use of graphing calculators. Applications of algebra topics will be explored. The credit hour earned in this lab may not be applied toward degree requirements. Co-requisite: MATH 101.

**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, or 120 may not subsequently receive credit toward graduation for MATH 101.

**MATH 102 Trigonometry (3)**
A course emphasizing the circular functions and their analytic properties. Topics include graphs of the trigonometric functions. angles, trigonometric equations, inverse trigonometric functions, logarithms, and the solution of triangles.

**NOTE:** Credit hours earned in this course may not be applied toward minimum degree requirements in mathematics/logic. Students who have completed MATH 111 or 120 may not subsequently receive credit toward graduation for MATH 102.

**MATH 103 Contemporary Mathematics with Applications (3)**
A course designed to introduce students to a variety of mathematical topics and applications. The course is primarily intended for students who are not planning to take advanced mathematics courses. Topics may be selected from a variety of areas, including the mathematics of social science, management science, and growth and symmetry. The course emphasis is on critical thinking, reading, and writing in mathematics. 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 the 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 may not receive credit toward graduation for both MATH 105 and 120.

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 MATH 101.

NOTE: Students are required to complete MATH 120 or both MATH 105 and 111.

MATH 115 Calculus Bridge (2)

Course topics will include a trigonometry review, limits and continuity, derivatives of trigonometric functions, the Mean Value theorem, Riemann sums, integration by substitution, and the calculus of logarithmic and exponential functions. Successful completion of this course allows students to proceed to MATH 220. Prerequisite: This course is available only to students who have completed MATH 105 with a grade of "A" in the previous year.

NOTE: Students may not receive credit toward graduation for both MATH 115 and MATH 120.

MATH 120 Introductory Calculus (1)

The techniques of calculus will be stressed. Topics include functions, limits and continuity, derivatives, the Mean Value theorem, applications of derivatives, the Riemann integral, application of the integral, the fundamental theorem of integral calculus, and logarithmic and exponential functions. F, S, Su. Prerequisite: MATH 111 or placement.

NOTE: See the notes below MATH 105, 111, and 115.

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 140 Intuitive Geometry for Teachers (3)

This is a course in geometry designed primarily for the elementary and middle school teacher. Topics include sets, basic concepts of geometry, the metric system, perimeter, area, and volume. Emphasis will be placed on problem solving. Some parallel reading on math education will be required.

NOTE: Credit hours earned in this course may not be applied toward minimum degree requirements in mathematics/logic.

MATH 203 Linear Algebra (3)

Systems of linear equations, vector spaces, linear dependence, bases, dimension, linear mappings, matrices, determinants, and quadratic forms. Prerequisite: MATH 220 or permission of instructor. F, S, Su.

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, relations and functions, recurrence relations, and graph theory. F, S. Prerequisite: MATH 105 or both 105 and 110.

MATH 220 Calculus II (4)

Differentiation and integration of trigonometric functions, techniques of integration, indeterminate forms, l'Hopital's rule, Taylor's formula, sequences, infinite series, plane curves, and polar coordinates. F, S, Su. Prerequisite: MATH 120.

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 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 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 260 Mathematical Modeling and Public Decision-Making (3)

This is an introductory course in basic mathematical concepts and models that can be applied to the decision making process in the public sector. Both continuous and discrete models will be examined. Topics will be chosen from the following: linear programming, growth processes, utility analysis, graph theory, game theory, group decision making and Arrow's impossibility theorem, coalition formation, and voting behavior. Prerequisite: MATH 104 and 105 or equivalent.

MATH 290 Topics in Introductory Mathematics (3)

This course focuses on a topic of intermediate-level mathematics. Possible topics are: foundations of mathematics, graph theory, combinatorics, non-parametric statistics, and elementary number theory. Prerequisite: Permission of the instructor.

NOTE: Since the content changes, this course may be repeated for credit.

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. F, 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 congruences. 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. S. Prerequisite: MATH 295 or permission of the instructor.

MATH 307 Discrete Structures II (3)

A continuation of MATH 207, including topics from combinatorics and probability, algebraic structures (such as Boolean algebras, semigroups, and groups), automata, and languages. F. S. Prerequisite: MATH 203 or 207.

MATH 311 Advanced Calculus I (3)

The concepts of calculus will be explored in depth. Among the topics covered will be basic topological properties of the real line, limit operations, and convergence properties of sequences and series of functions. F. Prerequisites: MATH 221 and 295.

MATH 320 History of Mathematics (3)

Number systems, historical problems of geometry development of modern concepts in algebra, analytic geometry, and calculus. S. Prerequisite: 12 semester hours in mathematics courses numbered 200 or higher.

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. Prerequisite: 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 395 or permission of the instructor.

MATH 350 Statistical Methods II (3)
Statistical methods with topics selected from regression, correlation, analysis of variance, non-parametric statistics, and other models. S. Prerequisite: MATH 120 and 250.

MATH 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 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 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)
A continuation of MATH 311 that will include the study of spaces of continuous functions and an introduction to concepts from measure theory, integration theory, and functional analysis. S. Prerequisite: 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 417/418 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. Prerequisite: 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. Prerequisite: MATH 221 and 232.

MATH 450 Discrete Mathematical Models (3)
An introduction to the theory and practice of building and studying discrete mathematical models for real-world situations encountered in the social, life, and management sciences. Mathematics related to graph theory, game theory, Markov chains, combinatorics, difference equations, and other topics will be developed as needed to study the models. S. Prerequisite: MATH 203, either MATH 250 or 550, and CSCI 220 or MATH 245, or permission of the instructor.

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. Prerequisite: 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. S. Prerequisite: MATH 203, 350, and CSCI 220 or MATH 245.

MATH 460 Continuous Mathematical Models (3)
An introduction to the theory and practice of building and studying continuous mathematical models for real-world situations encountered in the physical, social, life, and management sciences. Particular emphasis will be placed on models that arise in such fields as economics, population growth, ecology, epidemiology, and energy conservation. Advanced topics in differential equations and integral equations will be developed as needed to study the models. S. Prerequisite: MATH 203, 323 and 245 or permission of the instructor.

MATH 480 Topics in Applied Mathematics (3)
A semester course on an advanced topic in applied mathematics. Prerequisite: Permission of the instructor.

MATH 485 Topics in 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. Prerequisite: MATH 221 and 232.

MATH 490 Practicum in Mathematics (3)
This course is intended to give students real-world experience 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 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. S. Prerequisite: 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. Prerequisite: Completion of other core courses and senior standing or permission of the department chair.

MATH 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. Prerequisite: Permission of the instructor and department chair.

MATH 530 Mathematical Statistics I (3)
Probability, probability functions, probability densities, mathematical expectation, sums of random variables, and sampling distributions. F. Prerequisite: MATH 221.

MATH 531 Mathematical Statistics II (3)
Decision theory; estimation; hypothesis testing; regression, correlation, and analysis of variance. S. Prerequisite: MATH 530.

MATH 545 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. Prerequisite: MATH 203, 245, and 323.

Music

MUSC 131 Music Appreciation: The Art of Listening (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 (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 the three revolutions in popular music: Early popular music (1840–1900); the modern era of popular music (1900–on); the rock 'n' roll era (mid 1950s–on). The course will examine those cultural traditions which 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 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 diatonic harmony utilizing traditional four-part exercises. Harmonic and Schenkerian analysis of works of Bach and Mozart. MUSC 238 should be taken concurrently by majors. Prerequisite: A passing grade on a placement examination.
MUSC 481 Music Theory IV (3)
Counterpoint as a musical structure. Exercises in writing 16th-century style counterpoint in two, three, and four voices. Analysis of representative works by Palestrina, Victoria, Byrd, etc. Eighteenth-century counterpoint and its basis in major/minor harmony, with analysis of selected inventions and fugues by J.S. Bach. Writing of a short four-voice fugue. Prerequisite: MUSC 481.

MUSC 482 Music Theory IV (3)
A study of representative examples of music from the principal 20th-century composers, and an introduction to methods of analysis of these compositions. Music by Debussy, Stravinsky, Bartok, Schoenberg, Webern, and Berg, plus more recent compositions. The theoretical basis of 12-tone (serial) music. Analytic skills for other types of 20th-century music. 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.

Practice and Performance of Music

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.

MUSC 293-298 Repertory Classes (1, repeatable up to 8 credits)
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.

Individual classes:
MUSC 292 Voice
MUSC 293 Brass
MUSC 294 Woodwinds
MUSC 295 Jazz
MUSC 296 Strings

MUSC 297 Guitar
MUSC 298 Piano

MUSC 354 Orchestra (1)
The study and performance of orchestral literature. Prerequisite: Permission of the instructor.

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.

MUSC 356 Ensemble: Early Music (1)
The study and performance of ensemble literature from the Middle Ages and Renaissance. Prerequisite: Permission of the instructor.

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.

MUSC 358 Pep Band (1)
A 30-member ensemble which provides entertainment at basketball games and other College functions. Prerequisite: Permission of the instructor.

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.

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.

MUSC 365 Ensemble: Gospel Choir (1)
The study and performance of traditional hymns, spirituals and popular contemporary gospel literature.

MUSC 366 Musical Theatre Workshop (1)
The study and performance of musical theatre literature. Prerequisite: Permission of the instructor.

MUSC 367 Opera/Musical Theatre Workshop (1)
The study and performance of scenes from opera and musical theatre. Prerequisite: Permission of the instructor.

MUSC 370 Conducting (2, 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 370 is a prerequisite for MUSC 371.

MUSC 475 Senior Independent Study in Music Performance (3 or 6)
Prerequisite: 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. Prerequisite: 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.

MUSP 2xx Applied Music (1 or 2, repeatable up to 8 credits in any one area)
Individual lessons in voice or instrumental music for beginning students. Private lessons are 30 minutes (1 credit hour) or 60 minutes (2 credit hours) per week. Tuition is $200 per credit hour in addition to regular tuition charges. Prerequisite: An audition is held at the beginning of each term.

Individual areas of instruction:
MUSP 201 Flute
MUSP 202 Oboe
MUSP 203 Clarinet
MUSP 204 Bassoon
MUSP 205 Saxophone
MUSP 206 French Horn
MUSP 207 Trumpet
MUSP 208 Trombone
MUSP 209 Tuba
MUSP 211 Percussion
MUSP 212 Piano
MUSP 213 Harpsichord
MUSP 214 Pipe Organ
MUSP 215 Voice
MUSP 216 Harp
MUSP 219 Recorder
MUSP 223 Violin
MUSP 224 Viola
MUSP 225 Cello
MUSP 226 Double Bass
MUSP 227 Classical Guitar
MUSP 250 Other Instruments
MUSP 276 Jazz Flute
MUSP 277 Jazz Trumpet
MUSP 278 Jazz Trombone
MUSP 285 Jazz Guitar
MUSP 286 Jazz Piano
MUSP 287 Jazz Bass
MUSP 288 Drumset
MUSP 289 Vibraphone

MUSP 3xx Applied Music (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 $400 in addition to regular tuition charges. Prerequisite: A junior-standing jury (normally taken at the end of the fourth term in MUSP 2xx).

Individual areas of instruction:
MUSP 301 Flute
MUSP 302 Oboe
MUSP 303 Clarinet
MUSP 304 Bassoon
MUSP 305 Saxophone
MUSP 306 French Horn
MUSP 307 Trumpet
MUSP 308 Trombone
MUSP 309 Tuba
MUSP 311 Percussion
MUSP 312 Piano
MUSP 313 Harpsichord
MUSP 314 Pipe Organ
MUSP 315 Voice
MUSP 316 Harp
MUSP 319 Recorder
MUSP 323 Violin
MUSP 324 Viola
MUSP 325 Cello
MUSP 326 Double Bass
MUSP 327 Classical Guitar
MUSP 350 Other Instruments
MUSP 376 Jazz Flute
MUSP 377 Jazz Trumpet
MUSP 378 Jazz Trombone
MUSP 385 Jazz Guitar
MUSP 386 Jazz Piano
MUSP 387 Jazz Bass
MUSP 388 Drumset
MUSP 389 Vibraphone

MUSP 4xx Applied Music (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 $400 in addition to regular tuition charges. Prerequisite: A junior-standing jury (normally taken at the end of the fourth term in MUSP 2xx).

Individual areas of instruction:
MUSP 401 Flute
MUSP 402 Oboe
MUSP 403 Clarinet
MUSP 404 Bassoon
MUSP 405 Saxophone
MUSP 406 French Horn
MUSP 407 Trumpet
MUSP 408 Trombone
MUSP 409 Tuba
MUSP 411 Percussion
MUSP 412 Piano
MUSP 413 Harpsichord
MUSP 414 Pipe Organ
MUSP 415 Voice
MUSP 416 Harp
MUSP 419 Recorder
MUSP 423 Violin
MUSP 424 Viola
MUSP 425 Cello
MUSP 426 Double Bass
MUSP 427 Classical Guitar
MUSP 450 Other Instruments
MUSP 476 Jazz Flute
MUSP 477 Jazz Trumpet
MUSP 478 Jazz Trombone
MUSP 485 Jazz Guitar
MUSP 486 Jazz Piano
MUSP 487 Jazz Bass
MUSP 488 Drumset
MUSP 489 Vibraphone

**Philosophy**

PHIL 101 Introduction to Philosophy: Beliefs and Values (3)
An introduction to philosophy through an examination of ethical, political, and religious problems.

PHIL 102 Introduction to Philosophy: Knowledge and Reality (3)
An introduction to philosophy through an examination of some of the major problems that arise in the inquiry into the nature of reality and knowledge.

*NOTE: PHIL 102 may be taken before PHIL 101.*

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.

*NOTE: No student may receive credit for PHIL 115 who received credit for PHIL 215, fall 1992 and earlier.*

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 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. The course may be repeated if the content is different.

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 204 Minds and Machines (3)
This course will explore the problem of whether machines—especially computers—can have minds. Topics studied may include the philosophical problems of whether it is possible to build a conscious machine and whether it is plausible to view the human mind as a computer.

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 215 Symbolic Logic I (3)
An introduction to the formal methods of deductive logic including sentential logic.

PHIL 216 Symbolic Logic II (3)
A second course in the formal methods of logic including predicate logic. Additional topics such as mathematical induction, an introduction to axiomatic systems, or meta-theoretical logic will be covered. Prerequisite: PHIL 215 or permission of the instructor.

PHIL 220 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 230 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.

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, Mendelssohn, Rosenzweig, Buber, and Levinas.

PHIL 245 Environmental Philosophy (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 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.

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 gene 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 decision-making, 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 298 Special Topics in Philosophy (3)
An intensive examination of selected topics or issues in philosophy. The course may be repeated if the content is different.

PHIL 301 Ethics (3)
A study of moral theories, such as utilitarianism, Kantian ethics, virtue ethics, and egoism. The concepts of the good and the right, the justification of ethical beliefs, and the origin and nature of morality may also be discussed.

PHIL 304 19th-Century Philosophy (3)
An examination of philosophical thought during the 19th-century, covering thinkers such as Hegel, Marx, Comte, Bentham, and Mill. Prerequisite: Three semester hours in philosophy or permission of the instructor.

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.

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.

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.

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.

PHIL 315 Political and Social Philosophy (3)
An examination of contemporary and traditional positions on issues such as justice, equality, liberty, human rights, political and legal obligations, and the role and limits of government.
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.

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?

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.

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.

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: Junior standing, plus permission of the tutor and the department chair.

PHIL 450 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 six previous semester hours in philosophy (other than 215 or 216) 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

PHED 100 Introduction to Physical 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.

PHED 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.

PHED 103 Physical Education for the Course.
Prior to registration for the course.

PHIL 111 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 on on-ice instruction.

PHIL 112 Beginning Gymnastics (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.

PHIL 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.

PHIL 116 Beginning Golf (2)
The history, techniques, practice of skills, and rules of golf.

PHIL 117 Badminton and Racquetball (2)
The history, techniques, practice of skills, and rules of badminton and racquetball.

PHIL 118 Sailing (2)
The course is designed to provide 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.

PHIL 119 Beginning Tennis (2)
The history, techniques, practice of skills, and rules of tennis.

PHIL 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.

PHIL 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 which 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: PHIL 118 or permission of instructor.
NOTE: Lab fee required; students will need to provide their own transportation to the facility.

PEHD 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: PEHD 113 or permission of instructor.

NOTE: Lab fee required; students will need to provide their own transportation to the facility.

PEHD 135 Elementary Jazz Dance (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. Crosslisted with THTR 135.

PEHD 137 Elementary Modern Dance (2)
An introduction to the technique of modern dance. Emphasis on basic movement forms of modern dance and elementary improvisational techniques. Crosslisted with THTR 137.

PEHD 138 Intermediate Modern Dance (2)
Instruction at the intermediate level in technique of modern dance. Emphasis upon building the basic movement forms 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. Crosslisted with THTR 138.

PEHD 139 African Dance (2)
The course focuses on the history, techniques, practice of dance movements and meaning of several African dances. Students will also review drum rhythms for each dance, learn names of instruments used for the dance, and perform each dance.

PEHD 185 Elementary Ballet (2)
An introductory course involving modern dance, jazz, ballet, and other popular dance forms and techniques. Crosslisted with THTR 185.

PEHD 186 Intermediate Ballet (2)
The course will focus on more advanced techniques in the dance forms involved, particularly modern and ballet, and will also include interpretation, improvisation, choreography, and elementary performance. Crosslisted with THTR 186.

NOTE: PEHD 200-level courses or above are designed for the major and include technique and theory content specific information.

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 and sport.

NOTE: PEHD 201 is a prerequisite for all 300-level or above courses for prospective 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.

PEHD 210 Concepts in Fitness Assessment and 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.

PEHD 220 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.

PEHD 222 Analysis and Conduct of Team Sports (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.

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. Topics covered include (but are not limited to) motor control, attention, individual differences, practice and knowledge of results, transfer of learning, and motivation.

PEHD 245 Beginning Athletic Training (3)
An introduction to the field of sports medicine and the athletic training profession. The course will present information on recognition, prevention, treatment, and management, and applied anatomy of common and less common musculoskeletal injuries. Co-requisite: PEHD 245L.

PEHD 245-L Beginning Athletic Training Lab (1)
Laboratory course designed to introduce students to the psychomotor skills and scientific principles of athletic taping, bracing, and wrapping Co-requisite: PEHD 245.

PEHD 250 Dance and Rhythms (3)
Designed to instruct the student in the teaching techniques of dance and rhythms. 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 South Carolina. These include rock climbing, sea kayaking, whitewater kayaking, mountain biking, 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 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: Permission of the instructor.

PEHD 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. Prerequisite: BIOL 202.

PEHD 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. Prerequisite: BIOL 201.

PEHD 345 Advanced Athletic Training (3)
This course focuses on the principles of orthopedic examination and assessment. Emphasis will be placed on the components of the comprehensive orthopedic physical examination including: history inspection, palpation, functional testing, and special evaluation techniques. Prerequisite: PEHD 245, PEHD 345L.

PEHD 345-L Advanced Athletic Training Lab (1)
Laboratory course designed to develop the candidate's psychomotor skills of orthopedic examination and assessment. Co-requisite: PEHD 345.

PEHD 352 Physical Education for 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. Clinical experiences required. Prerequisite: PEHD 222 or 223.

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: PSYC 105 or permission of the instructor.

**NOTE:** A student may not receive credit for PEHD 355 if credit has been received for PSYC 355.

**PEHD 365 Identification and Treatment of Activity Related Injury and Illness (3)**

The candidate will explore the physiological and psychological response to pharmacological agents, the components of the pre-participation physical examination, the role and function of various community-based health care providers, and the principles of injury based risk management techniques in the athletic training environment. Prerequisites: PEHD 345, BIOL 201 and acceptance into the Athletic Training Education Program, or permission of instructor.

**PEHD 375 Clinical Education Experience in Athletic Training (1 hr/level, 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 one credit hour course must be repeated four times in a progressive sequential order for a total of five credits. Successful completion of the previous course (level) is required for enrollment in the subsequent course (level). Prerequisites: PEHD 245, acceptance into the Athletic Training Education Program and successful completion of prior PEHD 375 level.

**PEHD 399 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 401 Independent Study in Physical Education (1-3, repeatable up to 9)**

Designed to give the candidate individually structured study and experience in areas such as cardiovascular rehabilitation, athletic training, pre-physical therapy, fitness, and recreation, or other approved by the department. Prerequisite: Permission of the department and instructor.

**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, athletic training, 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 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: PEHD 201, BIOL 201/202 and PEHD 245, 345, and 330 (AT students) BIOL 201/202, PEHD 30 (non-AT students). Non-AT students are requested to confer with the instructor prior to enrolling in this course.

**NOTE:** This class carries a component lab worth zero hours.

**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 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: PEHD 201, PEHD 245, PEHD 345 or permission of the instructor. Recommended: PHYS 101/102.

**NOTE:** This class carries a component lab worth zero hours.

**PEHD 440 Biomechanics (3)**

The course will focus on the mechanical basis of human movement, with some consideration given to the functional constraints that influence all types of human movement, from athletic to pathological. Topics covered will include: kinematics of movement (linear and angular), kinetics (linear and angular), equilibrium and fluid mechanics. Prerequisites: PEHD 201, PEHD 330, BIOL 202, PHYS 101.

**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. Clinical experiences required. Prerequisite: PHYS 222 or 223.

**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. Clinical experience required. Prerequisites: PEHD 352 and 452 or permission of the instructor.

**PEHD 458 Organization and Administration of Physical Education (3)**

A course covering the organization, planning, implementation, and administration of physical activity and sport programs. Prerequisites: PEHD 201 and senior (90 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**

**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: electricity and circuits (electric fields, AC and DC circuits); 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 202. Lectures three hours per week. Prerequisite and co-requisite: PHYS 101L is a co-requisite or prerequisite.

**PHYS 101L Introductory Physics Laboratory (1)**

A laboratory program to accompany PHYS 101. Laboratory three hours per week. Prerequisite and co-requisite: PHYS 101 is a co-requisite or prerequisite for PHYS 101L.

**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. Lectures three hours per week. Prerequisite: PHYS 101 or 201 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. Prerequisites and corequisites: PHYS 102 is a co-requisite or prerequisite for PHYS 102L. PHYS 101L is a prerequisite for PHYS 102L.

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 110 Conceptual Physics (3)
This course is designed to provide a well-grounded knowledge of the theory and practice of celestial navigation and forecasting. Lectures three hours per week. Prerequisite: PHYS 102L. PHYS 102L is a prerequisite for PHYS 102.

PHYS 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, meteorites, meteors, interplanetary medium, stars (binary variable), star clusters, interstellar matter, galaxies, and cosmology. Lectures three hours per week. Prerequisites and corequisites: PHYS 129L. A working knowledge of high school algebra is assumed.

PHYS 129L Astronomy I Laboratory (1)
A laboratory program to accompany PHYS 129. Laboratory three hours per week. Prerequisite or corequisite: PHYS 129.

PHYS 130 Astronomy II (3)
A continuation of PHYS 129. Lectures three hours per week. Prerequisite or corequisite: PHYS 130L. Prerequisites: PHYS 129 and 129L. A working knowledge of high school algebra is assumed.

PHYS 130L Astronomy II Laboratory (1)
A laboratory program to accompany PHYS 130. Laboratory three hours per week. Prerequisite or corequisite: PHYS 130. Prerequisite: PHYS 129L.

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 201 General Physics I (4)
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. Prerequisite or corequisite: MATH 120 or equivalent or permission of instructor.

PHYS 202 General Physics II (4)
A continuation of PHYS 201. 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. Prerequisite: PHYS 201 or HONS 157. Prerequisite or corequisite: MATH 220 or equivalent or permission of instructor.

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 202.

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 or 202 or HONS 158.

PHYS 205 Intelligent Life in the Universe (3)
A 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.

PHYS 206 Planetary Astronomy (3)
The nature of the origin, evolution, and current state of the solar system and extraterrestrial life are reviewed. Celestial mechanics, planetary interiors, atmospheres, and solar system debris are covered in depth. Lectures three hours per week. Prerequisites: PHYS 201 (PHYS 101 and MATH 120 may substitute for PHYS 201 with permission from 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 202 or HONS 158, and MATH 323, or permission of the instructor.
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 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 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 390. Prerequisite or co-require: 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 390. 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 390 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 390 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 202 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 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, MATH 323 or permission of the instructor.

PHYS 415 Fluid Mechanics (3)
An introduction to fluid mechanics that develops physical concepts and develops 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. Prerequisite or co-require: PHYS 390, 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 instructor and chair. No credit for both PHYS 420 and PHYS 499.

PHYS 425 Air Pollution Metrology (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 202 (or PHYS 102 and MATH 120) or HONS 158, and CHEM 112, or permission of the instructor. No credit for both PHYS 420 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 202, 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 through 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 202 (or PHYS 102 and MATH 120), or HONS 158 or permission of the instructor. CHEM 112 would be helpful but is not required.

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.

Political Science

POLS 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.

POLS 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.

POLS 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.

POLS 104 World Geography (3)
World Geography introduces the geographic nature of a variety of topics including population growth, the organization of religions, and resource problems. Both the location of these activities and the processes that led to their patterns are explored using examples from throughout the world.
POLS 200 Introduction to Public Administration (3)
Introduction to Public Administration analyzes the basic principles, functions, and practices of public organizations and public management. Prerequisite: POLS 101.

POLS 201 Introduction to Public Policy (3)
Introduction to Public Policy examines the cultural, economic, and institutional context that shapes public policy in the United States. The course assesses how, why, and when government responds to some policy problems and not others and the process by which alternative solutions are formulated, adopted, and implemented. Implications for solving public problems, and for resolving moral and political disagreements in a manner consistent with democratic ideals, are considered. Prerequisite: POLS 101.

POLS 210 Introduction to Comparative Political Analysis (3)
This course surveys theories and methodologies in comparative political analysis. It includes an examination of concepts, types and levels of analysis, and methods of inquiry in the comparative study of politics.

POLS 220 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 the actors and institutions in the system and the purposes served by the system. Prerequisite: POLS 101.

POLS 250 Politics and Political Inquiry I (3)
This course is designed to provide the political science major with an introduction to a set of key concepts in political theory and to the historical development of Western political theory. The student will work with primary and secondary literature in political theory and will gain an understanding of how political theorists from Plato to Rawls 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.

NOTE: This course is the prerequisite for POLS 251. It is required of majors and minors and must be completed within the first 15 hours of political science course work.

POLS 251 Politics and Political Inquiry II (3)
An introduction to the contemporary nature and practice of political science, this course includes an overview of what political scientists study as well as an examination of the various approaches to inquiry which they utilize. Prerequisite: POLS 250.

POLS 300 Politics of the Budgetary Process (3)
This course analyzes the federal budgetary process with an emphasis on the political and procedural factors that affect reform efforts, revenues, expenditures, and budget control. Prerequisite: POLS 101.

POLS 301 Politics of the Administrative Process (3)
Politics of the Administrative Process analyzes the role of modern bureaucracy in the policy process. The course is taught from the perspective of the administrative agency and designed to familiarize students with how administrators formulate and influence policy and the role that agencies play in the larger political process. Prerequisites: POLS 101; POLS 200.

POLS 302 Policy Evaluation (3)
Policy Evaluation reviews the strategies for analyzing performance and goal achievement in the public sector. The course includes a survey of the criteria, methodology, and analytical techniques employed in evaluating government programs. Prerequisites: POLS 101; POLS 201 or permission of instructor.

POLS 303 Advanced Policy Studies (3)
Advanced Policy Studies is a seminar that focuses on a particular policy area in some detail and develops more sophisticated analytical tools for assessing empirical outcomes and normative implications of policy. Prerequisites: POLS 101; POLS 201 or permission of instructor.

POLS 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.

POLS 305 Urbanization and Urban Geography (3)
Urbanization and Urban Geography analyzes the process of urbanization and contemporary urban trends and issues. Topics investigated include the evolution of neighborhoods, social conflict over access to resources and the future of urbanism as a way of life. Students will have the opportunity to explore the city through field trips and an analysis of a local urban issue.

POLS 306 Urban Policy (3)
Urban Policy examines the urban service system and policy formulation and implementation processes. The potential advantages and disadvantages of citizen participation in local policy implementation are assessed. Specific urban issues are examined and the barriers to formulating a national urban policy are identified. Prerequisite: POLS 101.

POLS 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.

POLS 309 Special Topics in Public Administration and Public Policy (3)
These courses examine an advanced topic in public administration or public policy.

POLS 320 Politics of Western Europe (3)
This course undertakes a comparative political analysis of selected political systems in Western Europe and selected aspects of the European Union.

POLS 321 Politics of Latin America (3)
Politics of Latin America surveys political and social dynamics in Latin American nations.

POLS 322 Politics of Africa (3)
Politics of Africa surveys political and related economic and social dynamics in selected African nations.

POLS 323 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, policy making, and the international context will be examined.

POLS 324 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.

POLS 325 Politics of Central/Eastern Europe (3)
This course examines the unique political, social, and economic problems of Central/Eastern Europe with particular attention to the transition from authoritarian rule to democratic polity.

POLS 326 Soviet and Russian Politics (3)
Soviet and Russian Politics examines the politics and government of the former Soviet Union and Russian Federation. Key issues explored in the course include continuity and change in Soviet and Russian political systems and the evolution of domestic and international policy since the end of World War II.

POLS 328 Modernization, Dependency, and Political Development (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.

POLS 329 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.

POLS 330 Comparative Gender Politics (3)
This course uses gender as a comparative analytic framework to examine a variety of important issues including human rights, economic development, labor and property control, violence against women, family and health concerns, and the role women play as political actors and leaders in formulating policy across a number of different countries.

POLS 331 The Politics of Film and Reality in South Africa (3)
This course analyzes the role of the media, particularly commercial films, in creating and reinforcing images of African politics. Focused most specifically on films related to South Africa, the course develops analytical skills and substantive perspectives on the study of politics in African countries.

POLS 332 The Politics of Film and Reality in Latin America (3)
This course examines the portrayal of Latin American politics in contemporary Latin American and non-Latin American film. The class will focus on major issues of race, class, gender, culture, nationalism, imperialism, 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 with the U.S. and the perception of these relations.

POLS 333 The 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 era 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 present period of President Henrique Cardoso.

POLS 339 Special Topics in Comparative Politics (3)
These courses examine selected topics in comparative politics not covered in other courses.

POLS 340 Democratic and Anti-Democratic Thought (3)
This course focuses on democratic theory and its enemies. Students will read a variety of democratic and anti-democratic theorists and, on the basis of these readings, examine the various contending definitions of democracy, assess the value of democracy, and evaluate the arguments of those opposed to democracy. Theorists will include: Rousseau, Marx, Cole, MacPherson, Michels, Mosca, Pareto, Schumpeter, and Spitz.

POLS 341 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 power to tax and spend, judicial review, and the doctrines and principles of American constitutionalism. Prerequisite: POLS 101.

POLS 342 Civil Liberties (3)
This course is largely a study of basic individual liberties found in the American Constitution and interpreted by the U.S. Supreme Court. Typically, the rights and liberties discussed include the first amendment (freedom of speech, press, and the religion clause) and the 14th amendment (equal protection of the laws — including race, gender, age, and privacy). Prerequisite: POLS 101.

POLS 344 Jurisprudence (3)
The purpose of this course is to study 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 legal concepts and normative theories.

POLS 345 Ethics and Politics (3)
Ethics and Politics examines the relationship between ethics and politics. This course explores a variety of moral issues that arise in political life including corruption, the problem of dirty hands, lies and deception, and whistleblowing. The political, philosophical, and psychological dimensions of these choices are assessed.

POLS 346 Modern Ideologies (3)
This course analyzes the major political doctrines and political cultures of the present day with primary emphasis on Communism, Fascism, Socialism, and the doctrines of the modern democratic state.

POLS 347 American Political Thought (3)
American Political Thought analyzes the political ideas and beliefs that condition and influence the political system. Topics include a history of American political thought, the development of civic culture, and the ideology of the common man.

POLS 348 Methods of Political Science (3)
Methods of Political Science examines the methodological foundations of contemporary political science, including a survey of the dominant approaches to political inquiry.

POLS 349 Contemporary Constitutional Issues (3)
This course will address emerging questions and controversies concerning constitutional law and civil liberties with an emphasis on the decisions of the United States Supreme Court. The predominant issues are freedom of speech, religious freedom, equal protection, and the takings clause of the Constitution. Additional emerging issues will also be reviewed. Prerequisite: POLS 101.

POLS 350 Special Topics in Political Thought and Public Law (3)
These courses examine selected topics in political thought or public law not covered in other courses.

POLS 360 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.

POLS 361 The United States in World Affairs (3)
The United States in World Affairs provides an overview and political analysis of America's continual search for its appropriate roles in the world. This course includes examinations of the assumptions, theories, and concepts that shape American policies overseas.

POLS 362 Case Studies in Foreign Policy (3)
Case Studies in Foreign Policy surveys and evaluates a variety of theoretical approaches to the study of foreign policy and practice and applies these approaches to various countries and different foreign policy issues. The emphasis in this course is conceptual, with a focus on theories of human behavior and the contributions these theories make to the comparative study of foreign policy.

POLS 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 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.

POLS 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.

POLS 365 International Political Economy (3)
This course seeks to understand the interactions of politics and economics and to link theoretical questions to an examination of the vast changes that have occurred in the world. It analyzes the political and economic causes and implications of international economic relations across numerous dimensions of economic exchange trade, direct investment, aid, monetary relations, technology transfers from various perspectives.

POLS 366 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. Prerequisite: Permission of the instructor.

POLS 367 The 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.

POLS 379 Special Topics in International Relations (3)
These courses examine selected topics in international politics not covered in other courses.

POLS 380 State Politics (3)
State Politics examines the political institutions and processes of state and local government within the American federal system. The course includes an analysis of the government and politics of South Carolina in a comparative perspective. Prerequisite: POLS 101.

POLS 381 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 process in urban communities, and community power structure and decision making. Prerequisite: POLS 101.

POLS 382 The Congress (3)
This course analyzes the organization, procedures, and behaviors of legislative bodies in America, with emphasis on the United States Congress. Prerequisite: POLS 101.

POLS 383 Judicial Behavior (3)
Judicial Behavior 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: POLS 101.

POLS 384 The Presidency (3)
This course analyzes the structure, behavior, history, and roles of executive institutions in the American political system. Prerequisite: POLS 101.

POLS 385 American Bureaucracy (3)
This course evaluates America's public bureaucracy in terms of its ability to provide efficient management, public service, and a humane environment for its members. Prerequisite: POLS 101.

POLS 386 American Politics and the Mass Media (3)
American Politics and the Mass Media explores how political discourse and institutions are changing with current mass communication technology and practices. 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, policy making, and war. Prerequisite: POLS 101.

POLS 387 Political Parties and Interest Groups (3)
This course examines the nature, functions, organization, and activities of political parties and interest groups. This course explores topics such as the processes of nomination, campaigns, and elections in the American political system as well as comparative analysis of parties and interest groups in other systems.

POLS 388 Elections, Participation, and Voting Behavior (3)
This course analyzes American elections, voting, and alternative conventional and unconventional forms of participation citizens might undertake in an effort to influence politics. Students will be introduced to the principal theories and methods of the voting behavior literature and have the opportunity to test these theories using recent national election data.

POLS 389 Public Opinion in American Politics (3)
This course covers the formation, expression, and measurement of American public opinion in order to better understand how citizens think about and react to the political world. Prerequisite: POLS 101.

POLS 390 Southern Politics (3)
Southern Politics is a comparative study of selected political patterns and trends in the southern states since World War II. Prerequisite: POLS 101.

POLS 391 Extremist Politics (3)
This course analyzes the organization, philosophy, and activities of American extremist movements.

POLS 392 Women and Politics (3)
Women and Politics examines the role of the women's movement and feminism, and political participation by women, primarily within the American political system. The course focuses attention on women as citizens within a particular culture as political candidates and policymakers.

POLS 393 Religion and Politics (3)
This course is an examination of religion and public life in the United States. The history of religion and politics, religion's effect on political culture, political behavior and public policy, and the boundary between church and state will be explored. Prerequisite: POLS 101.

POLS 399 Special Topics in American Politics (3)
These courses examine selected topics in American politics not covered in other courses.

POLS 400 Tutorial (3)
Tutorials offer individual faculty instruction in regularly scheduled meetings (usually once a week). Prerequisites: Junior standing plus permission of the tutor and the department chair.

POLS 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. Prerequisite: Permission of the instructor. May be repeated. No more than six hours may be applied to the major.

POLS 402 Field Internship (1-6)
Field internships are designed to provide the advanced student with the opportunity to pursue a research topic in the context of an experiential learning situation. Open to juniors and seniors only. Prerequisite: Permission of the department. May be repeated. No more than six hours may be applied to the major.

POLS 403 Seminar in Public Administration and Public Policy (3)
This course examines selected topics in public administration or public policy. It will include students enrolled in the Master of Public Administration Program and may be repeated for credit if the topic changes. Prerequisite: Senior standing.

POLS 404 Seminar in Political Science (3)
These seminars examine special topics in political science. Topics vary.

POLS 405 Capstone Seminar (3)
The Capstone Seminar provides political science majors with a culminating and integrative experience at the end of the major course work. 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. Prerequisite: Permission of the chairperson to enroll required. Students will normally have completed at least 27 semester hours of work in political science at the time of enrollment.

POLS 499 Bachelor's Essay (6)
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.

Portuguese

NOTE: For foreign language courses that range from 101 to 202, successful completion of a higher level course prohibits a student from taking a lower level course in the same language for credit.

PORT 101

PORT 102 Elementary Portuguese (3, 3)
Introduces the fundamental structure of Portuguese with emphasis on acquisition of the basic language skills: listening, speaking, reading and writing. Prerequisite: PORT 101 open only to beginning students of Portuguese; placement or PORT 101 is a prerequisite for 102.
PORT 101C
PORT 102C Elementary Portuguese Conversation Supplement (1, 1)
A one-hour weekly session for intensive listening-speaking practice in Portuguese 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.

PORT 201
PORT 202 Intermediate Portuguese (3, 3)
Develops a basic proficiency in Portuguese and familiarly with its culture through practice in the use of the basic language skills and acquisition of vocabulary.
Prerequisite: PORT 201: placement, PORT 102 or 150; PORT 202: placement, PORT 201.

PORT 201C
PORT 202C Intermediate Portuguese (3, 3)
Optional one-hour weekly sessions for intensive listening-speaking practice in Portuguese 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.

LTPO 150 Portuguese Literature in (English) Translation: Gallery of World Literatures (3)
Study of selected works from a number of literatures which 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 another language and culture or era of a shared human condition.

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. Prerequisites: 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 an author whose influence is felt in the world at large.

PORT 390 Special Topics in Portuguese (3)
Intensive study of a particular subject or theme on Portuguese language, linguistics, literature or culture (specific topics will be listed in the schedule of courses when offered). Prerequisite: PORT 202 and/or permission of the instructor.

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

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. 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.

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 Physiological Psychology (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 imaginary representation, problem solving, reasoning, creativity, and sensory-motor skills.

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.

PSYC 307 Abnormal Psychology (3)
The psychological aspects of behavior disorders with emphasis on neurotic and psychotic disorders.
Prerequisite: PSYC 103.

PSYC 308 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 310 Social Psychology (3)
A study of the principles of human interaction, including consideration of such topics as social learning, person perception, attitudes, prejudice, and analysis of small group behavior. Prerequisite: PSYC 103.

PSYC 311 Developmental Psychology (3)
An introduction to the understanding of change and continuity from conception to death. Special attention will be given to the area of psychological and physiological processes involved in the development of the behavior of different species of animals. Prerequisite: PSYC 103.

PSYC 317 Motivation (3)
A critical analysis of the concept of motivation in historical perspective with an emphasis on contemporary research and theories. Prerequisite: PSYC 103.

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 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, stress-
ful life events, post-traumatic stress, sociocultural and familial stress, and coping mechanisms. Prerequisite: PSYC 103.

PSYC 336 States of Consciousness (3)
Psychological theory and empirical research concerning the continuum of awareness states. Topics treated include sleep and dreams, hypnosis and self-regulated consciousness, Eastern psychological approaches, drug effects, and hallucinatory states. Prerequisite: PSYC 103.

PSYC 340 Nonverbal Communication (3)
This course is a survey of research on how the body and voice are used in the communication of emotion. Prerequisite: PSYC 103.

PSYC 342 Approaches to Human Communication (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, and the influence of gender assumptions, biases, and roles. Prerequisite: PSYC 103.

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, and the influence of gender assumptions, biases, and roles. Prerequisite: PSYC 103.

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 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 360 Laboratory in Conditioning and Learning (1)
Selected research in animal learning applying methods typical of the field. Prerequisites: PSYC 103, 211, and 220. Co-requisite or prerequisite: PSYC 213.

PSYC 362 Laboratory in Social Psychology (1)
Selected research in social psychology applying methods typical of the field. Prerequisites: PSYC 103, 211, and 220. Co-requisite or prerequisite: PSYC 310.

PSYC 364 Laboratory in Physiological Psychology (1)
Selected research in physiological psychology applying methods typical of the field. Prerequisites: PSYC 103, 211, and 220. Co-requisite or prerequisite: PSYC 214.

PSYC 366 Laboratory in Sensation and Perception (1)
Selected research in sensation and perception applying methods typical of the field. Prerequisites: PSYC 103, 211, and 220. Co-requisite or prerequisite: PSYC 313.

PSYC 368 Laboratory in Cognitive Psychology (1)
Selected research in cognitive psychology applying methods typical of the field. Prerequisites: PSYC 103, 211, and 220. Co-requisite or prerequisite: PSYC 215.

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 and 211.

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 and 213.

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 and 211.

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 and 215.

PSYC 382 Visual Perception (3)
A study of physiological and psychological variables determining our visual experiences. Topics treated include perception of space, form, movement, color and brightness, illusions, attentive processes, and the role of learning in perception. Prerequisites: PSYC 103 and 313.

PSYC 384 The Psychology of Eating and Drinking (3)
An examination of the variables that influence normal and disordered eating and drinking behavior. The primary focus is on the physiological determinants, but considerable attention is devoted to environmental and cognitive factors. Prerequisites: PSYC 103 and 214.

PSYC 386 Drugs, Brain, and Behavior (3)
This course is a survey of behaviorally active drugs with emphasis on neurochemical and behavioral mechanisms of action. Prerequisites: PSYC 103 and 214.

PSYC 388 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 at least 12 additional hours in psychology.

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.

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, 307, and at least 12 additional hours in psychology.

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 and at least 12 additional hours in psychology.

PSYC 396 Advanced General Psychology (3)
A consideration of selected topics from various fields of psychology. Designed to be taken in the senior year. Prerequisites: PSYC 103 and at least 15 additional hours in psychology.

PSYC 399 Tutorial (3)
Individual instruction given by a tutor in regularly scheduled meetings (usually once a week). Open only to psychology majors enrolled in the Honors Program and having a psychology grade point average of at least 3.0. Prerequisites: Senior or junior standing, plus permission of the tutor and the department chair.

PSYC 400

PSYC 401

PSYC 402

PSYC 403 Independent Study (1–3)
Individually supervised reading and/or research on a topic or project agreed upon by student and supervisor. Prerequisite: 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 present-
Religious Studies

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 110 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 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 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, Shinto, Jainism, Shinto).

RELS 210 Theories in the Study of Religion (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 225 The Jewish Tradition (3)
An introduction to the Jewish religious tradition from the perspective of history and practice. The long history of Judaism will be surveyed in order to understand the development of Jewish beliefs, culture, and institutions. Customary Jewish practice in all periods also will be investigated.

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 Religions of India (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 Religions 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.

PSYC 410 Special Topics in Psychology (1-4)
A year-long research and writing project completed 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 chair prior to registration for the course. Open to psychology majors with an overall GPA of at least 3.4.

PSYC 499 Bachelor's Essay (6)
A study of the social and political dimensions of religion, including Hinduism, Buddhism, Taoism, Confucianism, Shinto, and religion's psychological, sociological, and political functions.

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 265 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, priestesses, witch, holy virgin, and martyr.

RELS 296 Special Topics in Religious Studies (3)
An examination of a special topic in religious studies. The course may be repeated for credit if the content is different.

NOTE: Prerequisite for all 300-level courses: either three semester hours in religious studies or permission of the instructor.

RELS 301 Mysticism and Religious Experience (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: RELS 105.

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.

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.

RELS 315 Cults and Charisma (3)
An examination of religious sects and charismatic leadership using historical and contemporary case studies to test a variety of theoretical principles. Topics may include...
the formation of messianic sects, the traditional authority of priests and shamans, the events at Jonestown, and the popular image of the “cult.”

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: RELS 105.

RELS 360 Myth, Ritual, and Symbol
This course examines the role of myth, ritual, and symbol in the religious traditions of the world.

RELS 375 Topics in the History of Religion (3)
A critical exploration of selected topics, figures, or issues in the history of religions. May be repeated for up to six hours of credit, if the subject matter varies.

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: Junior standing plus permission of the tutor and the department chair.

NOTE: Prerequisite for all 400-level courses: either nine semester hours in religious studies or permission of instructor.

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.

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.

REL 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. Prerequisite: RELS 210, which cannot be taken concurrently with RELS 499.

RUSSIAN

NOTE: For foreign language courses that range from 101 to 202, successful completion of a higher level course prohibits a student from taking a lower level course in the same language for credit.

RUSS 101

RUSS 102 Elementary Russian (3, 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 is open only to beginning students of Russian; RUSS 101 is a prerequisite for 102.

RUSS 101C

RUSS 102C Elementary Russian Conversation Supplement (1, 1)
A one-hour weekly session for intensive listening/speaking practice in Russian utilizing vocabulary and grammatical structure presented in the corresponding basic course. Prerequisite: RUSS 102.

NOTE: Conversation course credit may not be applied to fulfill the languages requirement or may it count towards the Russian Studies Minor.

LTRS 130 Russian Literature in (English) Translation (3)
Study of selected works from a number of literatures which offer different perspectives on the world and humankind.

RUSS 201

RUSS 202 Intermediate Russian (3, 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: Placement or RUSS 102 for 201; placement or 201 for 202.

RUSS 201C

RUSS 202C Intermediate Russian Conversation Supplement (1, 1)
A one-hour weekly session for intensive listening/speaking practice in Russian utilizing vocabulary and grammatical structure presented in the corresponding basic course. Prerequisite: RUSS 202.

NOTE: Conversation course credit may not be applied to fulfill the languages requirement or may it count towards the Russian Studies Minor.

LTRS 250 Russian 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.

RUSS 290 Special Topics (3)

RUSS 313

RUSS 314 Russian Conversation and Composition (3, 3)
Intensive practice in the spoken and written language based on contemporary Russian materials and sources.

RUSS 313C

RUSS 314C Russian Conversation and Composition Conversation Supplement (1, 1)
A one-hour weekly session for intensive listening/speaking practice in Russian utilizing vocabulary and grammatical structure presented in the corresponding course. Prerequisite: RUSS 314.

NOTE: Conversation course credit may not be applied to fulfill the languages requirement or 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.

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.

RUSS 390 Special Topics (3)

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

SOCY 101 Introduction to Sociology (3)
An introduction to the study of the individual and society as mutually influencing systems.

SOCY 102 Contemporary Social Issues (3)
A survey of social issues with their origin in contemporary systems of social organization. An intensive study of the causes of selected American social issues and an evaluation of attempts to solve them. SOCY 102 will not apply to the major or minor or GPA in sociology.

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 103 will not apply to the major or minor or GPA in sociology.

SOCY 202 Introduction to Social Institutions (3)
The study of the nature, structure, and function of the major institutions developed and maintained by society to serve its ends. Prerequisite: SOCY 101.
SOCY 260 Development of Social Thought (3)
A study of the development of sociology as a body of knowledge and of the various “classical” attempts to define the problems and boundaries of a science of human social behavior. Prerequisite: SOCY 101.

SOCY 271 Introduction to Social Research (3)
An examination of the assumptions, strategies, and techniques sociologists use for systematically observing the social world. Prerequisite: SOCY 101.

NOTE: For non-majors and non-minors, written permission from the instructor is required to take a 300-level course, if the prerequisites are not met. Sociology majors and minors must meet the prerequisites.

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. Prerequisites: SOCY 101 and a 200-level sociology course.

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. Prerequisites: SOCY 101 and a 200-level sociology course.

SOCY 336 Death and Dying (3)
An analysis of death and dying as social processes and problems. Although emphasis is on the American way of dying, death, and bereavement, cross cultural patterns will also be viewed. Prerequisites: SOCY 101 and a 200-level sociology course.

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. Prerequisites: SOCY 101 and a 200-level sociology course.

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. Prerequisites: SOCY 101 and a 200-level sociology course.

SOCY 340 Medical Sociology (3)
A review of the ways in which health, illness, and treatment are conceptualized in different societies. Medical system of the U.S. and interaction with non-Western medical systems will be discussed. Credit cannot be received for both SOCY 340 and ANTH 340. Prerequisites: SOCY 101 and a 200-level sociology course.

SOCY 341 Criminology (3)
A study of criminal behavior, penology and rehabilitation, including the analysis of crime statistics, theories of criminal behavior, and important Supreme Court decisions. Prerequisites: SOCY 101 and a 200-level sociology course.

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. Prerequisites: SOCY 101 and a 200-level sociology course.

SOCY 343 Race and Ethnic Relations (3)
An in-depth examination of the problems associated with race and ethnic relations in contemporary American society. Prerequisites: SOCY 101 and a 200-level sociology course.

SOCY 344 Social Gerontology (3)
An investigation of the sociological aspects of aging with an emphasis on the social problems faced by older citizens and those faced by the members of society because of those citizens. Biological and psychological influences on the social behavior of the aged will be considered as they relate to the problems studied. Prerequisites: SOCY 101 and a 200-level sociology course.

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. Prerequisites: SOCY 101 and a 200-level sociology course.

SOCY 347 Child Welfare (3)
An in-depth sociological examination of those social problems of particular relevance to children's well-being, including child care, educational and health issues, youth employment, poverty, welfare, abuse and neglect, foster care, and adoption. Special attention will be given to describing and evaluating societal attempts to deal with these issues. Prerequisites: SOCY 101 and a 200-level sociology course.

SOCY 348 Substance Abuse and Society (3)
The course will address social and cultural factors which 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 the role played by self-help groups and therapeutic communities. Prerequisites: SOCY 101 and a 200-level sociology course.

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. Prerequisites: SOCY 101 and a 200-level sociology course.

SOCY 350 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. Prerequisites: SOCY 101 and a 200-level sociology course.

SOCY 351 Urban Sociology (3)
An in-depth examination of the emergence of urban society, contemporary urbanization, and the nature of urban life. Credit cannot be received for both SOCY 351 and ANTH 351. Prerequisites: SOCY 101 and a 200-level sociology course.

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. Prerequisites: SOCY 101 and a 200-level sociology course.

SOCY 353 Sociology of Occupations and Professions (3)
Analysis of occupational roles and structures, adjustment problems of various career stages, and interrelationships of stratification systems, lifestyles, and occupations. Prerequisites: SOCY 101 and a 200-level sociology course.

SOCY 354 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. Prerequisites: SOCY 101 and a 200-level sociology course.

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. Prerequisites: SOCY 101 and a 200-level sociology course.

SOCY 356 Sociological Perspectives on Religion (3)
A comparative analysis of the socio-cultural factors influencing the development of religious beliefs, rituals, and organizations. Credit cannot be received for both SOCY 356 and ANTH 356. Prerequisites: SOCY 101 and a 200-level sociology course.

SOCY 357 Political Sociology (3)
A comparative review of non-Western and Western political structures. Theories of state formation, political participation, political change, and protest will also be studied. Credit cannot be received for both SOCY 357 and ANTH 357. Prerequisites: SOCY 101 and a 200-level sociology course.
SOCY 358 Sociology of Organizations (3)
An examination of contemporary theories and research strategies concerning the central importance of organizations in modern society. Prerequisites: SOCY 101 and a 200-level sociology course.

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. Prerequisites: SOCY 101 and a 200-level sociology course.

SOCY 360 Power and Privilege (3)
A critical analysis of the theories and issues of power, social mobility, and the effects of societal differentiation in general. Prerequisites: SOCY 101, 202, 260, and 271.

SOCY 362 Social and Cultural Change (3)
A study of current and historical theories concerning the process of socio-cultural change. Attention given to the techniques involved in the analysis and control of directed cultural and social change. Credit cannot be received for both SOCY 362 and ANTH 362. Prerequisites: SOCY 101 and a 200-level sociology course.

SOCY 363 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. Credit cannot be received for both SOCY 363 and ANTH 323. Prerequisites: SOCY 101 and a 200-level sociology course.

SOCY 369 Special Topics in Social Theory (3)
An intensive examination of some special topic in social theory. Formulation of the specific subject matter for the course will reflect both student and faculty interest. Prerequisites: SOCY 101 and a 200-level sociology course.

SOCY 371 Social Research Practicum (3)
An opportunity for students to develop the specific skills necessary for planning and implementing research in sociology. Students will plan and carry out a piece of research using professional statistical analysis packages. Prerequisites: SOCY 101, 202, 260, and 271.

SOCY 381 Internship (1–6)
An opportunity for students with a strong interest in social services to have a supervised placement in an agency or social service setting. 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. Course prerequisites may vary depending on the nature of the placement.

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 491 Sociology Capstone (1)
A crystallization of knowledge and appreciation of the discipline. Attention given to methodological, theoretical, and substantive issues germane to sociology. Prerequisites: SOCY 360 and 371.

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

NOTE: For foreign language courses that range from 101 to 202, successful completion of a higher level course prohibits a student from taking a lower level course in the same language for credit.

SPAN 101

SPAN 102 Elementary Spanish (3, 3)
Introduces the fundamental structure of Spanish with emphasis on acquisition of the basic language skills. Listening, speaking, reading and writing. Prerequisite: SPAN 101: open only to beginning students of Spanish or placement; SPAN 102: placement or SPAN 101.

SPAN 101C

SPAN 102C Elementary Spanish Conversation Supplement (1, 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 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 toward the major.

LTSP 150 Literature in (English)
Translation: A Foreign Literature (3)
Study of selected works, representing major literary periods and genres, which illuminate another language and culture or era of a shared human condition.

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.

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 genres and will include Nobel laureates such as Pablo Neruda, Miguel Angel Asturias, Gabriela Mistral, Gabriel Garcia Marquez,
and Octavio Paz. The course will also explore the writings of Alejo Carpentier, Jorge Luis Borges, Alfonso Sastre, and Julio Cortazar.

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, René 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 film makers. 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.

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 202 or 250, or placement exam, 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 202 or 250 or placement; SPAN 313; 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.

SPAN 316 Applied Spanish (3)
A study of Spanish language as relevant to various career areas, such as Spanish for business, medical personnel, law enforcement. Course content will vary from semester to semester and will focus on only one area per semester. Prerequisites: SPAN 202 or 250, 315; or permission of the instructor.

NOTE: SPAN 316 may be taken only once for credit in the Spanish major or toward the total hour requirement for graduation.

SPAN 320 Introduction to the Study of 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. Prerequisites: Completion of SPAN 315 and 314, 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 322 Civilization and Culture of Spain I (3)
Course designed to provide an overview and understanding of the culture and heritage of Spain from the prehistoric to the 18th century. This is achieved through a study of the history, geography, arts, attitudes, and customs. Readings, films and documentaries, class discussion and written assignments will relate to chapter themes. Prerequisites: SPAN 313 and 314, or 350; or permission of the instructor.

SPAN 323 Civilization and Culture of Spain II (3)
Course designed to provide a greater understanding of the culture and heritage of Spain from the Napoleonic invasion to the present. This is achieved through a study of the history, geography, arts, attitudes, and customs. Readings, films and documentaries, class discussion and written assignments will relate to chapter themes. Prerequisites: SPAN 313 and 314, or 350; or permission of the instructor.

SPAN 326 Latin-American Civilization and Culture I (3)
A study of the social and cultural expressions of Latin America from the pre-Columbian era through the early 19th century, including the independence movements of Brazil, as well as all of Spanish America. Prerequisites: SPAN 313 and 314, or 350; or permission of the instructor.

SPAN 327 Latin-American Civilization and Culture II (3)
A study of the cultural development of Latin America from the middle of the 19th century including the formation of the new Latin-American republics to the most important historical and cultural events of the 20th century. This is achieved through the study of history, geography, art attitudes, and customs. Prerequisites: SPAN 313 and 314, or 350; or permission of the instructor.

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 202 or 250; 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 330 Collaborative Study (1–3)
Individually supervised course of reading in Spanish 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 collaborative study course may be repeated up to a maximum of six credit hours in conjunction with other primary courses.

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 202 or 250; or permission of the instructor.

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.

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. Prerequisites: Placement, SPAN 202 or 250, B average in previous Spanish courses, 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 313 or 314.

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. Prerequisites: SPAN 313-314, 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. Prerequisites: two from the following: SPAN 312, 313, 314, 328; and one other 300-level course; 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).

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 Phonetics and Advanced Language Studies (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)
A study of the different regional and social dialects of the Hispanic world. Topics will focus on the linguistic influence and change in the Spanish of Spain, Latin America, and the United States. The issues addressed will include phonological, morphological, syntactic, and semantic variation in regional and social dialects. 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.

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.

SPAN 451 18th- and 19th-Century Spanish Literature (3)
Reading and discussion of selected works in one of the following genres: poetry, prose, and theatre. Writers such as Felipe, Espronceda, El Duque de Rivas, Larra, Zorrilla, Galdós, and Parro 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, Mateu, Goytisolo, and Marín. 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 Dario, 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 Garcia 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, Rosalío Uraga, 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 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 García 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,
Rodriguez Bumed, Martin Recuerda, Ruibal, and Rodriguez Mendez may be included. Prerequisite: 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. Prerequisite: 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. Prerequisite: 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. Prerequisite: 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. Prerequisite: 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.

Spoleto

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. Course work 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

ARTS 118 Fundamentals of Studio Art: Images and Issues (3)
A studio-oriented course for beginning and advanced students that explores the fundamental concepts and content in today's art. Through extensive individual drawing, reading, and discussion, the roots and meanings of our art are confronted in terms of the relationship between images and the techniques that generate these images, and social, economic, political, and aesthetic attitudes. Technique and methods are considered for their basic qualities and differences in painting, graphics, sculpture, and drawing.

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 118 may be taken concurrently with this course.

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. Prerequisite: ARTS 119.

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 (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 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 ground-work 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. Prerequisite: ARTS 119 and 220 or permission of the instructor.

ARTS 325 Foundry (3)
Further exploration in sculpture with a focus on pattern making, mold making, and casting using a variety of materials. Prerequisite: ARTS 324 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.

ARTS 326 Drawing III (3)
Continuation of ARTS 229. Prerequisite: ARTS 229 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 instructor.

ARTS 331 Painting IV (3)
Continuation of ARTS 328, which is a prerequisite.

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. Prerequisite: ARTS 323 and/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 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.

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 will 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. Life models will also be used.

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.

Theatre

THTR 135 Elementary Jazz Dance (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 (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 (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/PEHD 137 or permission of instructor.

THTR 176 Introduction to Theatre (3)
Introduction to the history, literature, principles, and techniques of the theatre.

THTR 180 Theatre Makeup (1)
Instruction in the principles of the art and techniques of makeup so that the actor may use them creatively in the design and execution of makeup which will assist in the development and projection of the character.

THTR 185 Elementary Ballet (2)
Introduction to technique and terminology of classical ballet. Emphasis on practical application, including barre and center floor work.

THTR 186 Intermediate Ballet (2)
Instruction at the intermediate level in the technique of classical ballet, intermediate barre, center floor work, and combinations. Prerequisite: THTR/PEHD 185 or permission of instructor.

THTR 200 General Practicum (1)
Supervised participation in theatre/dance production in the areas of publicity/promotion, box office, 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 instructor.

THTR 201 Production Practicum (1)
Supervised participation in theatre/dance production in the areas of costume and set construction, lighting, 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 instructor.

THTR 202 Performance Practicum (1)
Supervised participation in theatre/dance production in the area of performance. 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 instructor.

THTR 207 Graphics for the Theatre (3)
A studio course in the graphic techniques used by the theatrical designer. Topics covered include freehand drawing, painting, mechanical drafting, and perspective techniques. Students will use traditional media and computer graphics software on Macintosh computers.

THTR 209 Stagecraft I (3)
An introduction to basic principles and practices of stagecraft. The course will emphasize scenic construction, fly systems, backstage organization, and drafting techniques. Lecture and laboratory.

THTR 212 History of the 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 Dramatics (3)
An introduction to the educational philosophy and basic techniques of creative dramatics and its applications for theatre rehearsal and production, as well as actor training. Emphasis upon creative dramatics as a tool for instruction of groups of all ages in theatre, recreational and classroom situations.

THTR 240 Costume: Introductory Studies (3)
Practical and theoretical projects will emphasize special problems related to the design, history, and construction of garments for the stage. Projects will include basic construction techniques, research into historical styles, and a synthesis of these into design projects. Lecture and laboratory.

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: A 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 scenicography. Prerequisite: THTR 209.

THTR 289 Seminar: Selected Topics in Theatre (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 and 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.

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.
THTR 316 African American Theatre (3)
The study of the role, scope, and significance of black American drama 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.

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 331 History of Dance (3)
A comprehensive historical study of the development of dance from primitive times to the present. Review of significant dancers, choreographers, works, and companies. Overview of accompanying developments in music/ opera, theatre, and fine arts in each period. Includes movement practicum.

THTR 332 Dance Choreography (3)
Instruction in the principles of dance choreography. Emphasis upon the creative processes involved in choreographing for dance through practical studio work. Review of standard choreographic works. Prerequisite: THTR/PEHD 186 or 138 or permission of instructor.

THTR 338 Dance Ensemble (2)
Practical studio work in the choreography and rehearsal of dance pieces in preparation for performance. Repeatable to six credits. Prerequisite: THTR/PEHD 137-138 or THTR/PEHD 185-186 or permission of instructor.

THTR 340 Costume Design (3)
An advanced course emphasizing the design and execution of both theoretical and practical costume projects. Included will be a survey of a history of period costumes and manners with a focus on the elements of design. Prerequisite: THTR 207, 240.

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. Prerequisite: THTR 276 and/or permission of instructor.

THTR 360 Voice for the Actor (3)
A study and practice of vocal techniques to develop alignment, breathing, resonance, and articulation appropriate to stage performance. Prerequisite: THTR 376.

THTR 370 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. Prerequisites: THTR 209, 276, 277, 240, or permission of instructor.

THTR 375 Movement for the 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. Prerequisite: THTR 276, 277, or permission of the instructor.

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. Prerequisite: THTR 375, 376, or permission of instructor.

THTR 378 Principles of Directing for the Theatre (3)
Basic concepts of the directing process, including script analysis, staging practices, designer communications, and rehearsal techniques. The semester will culminate in a program of student-directed scenes. Prerequisite: THTR 209, 240, 276 and 277, or permission of instructor.

THTR 380 Seminar in Sound for the Theatre (3)
Instruction in basic sound manipulation using a variety of electronic equipment. The student will gain practical experience in editing, mixing, and recording. Prerequisite: THTR 209, or permission of instructor.

THTR 381 Stagecraft II (3)
An examination of advanced stage mechanics, scenic construction, and drafting techniques. Lectures and laboratory. Prerequisite: THTR 207, 209.

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. Lecture and laboratory. 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. Prerequisite: THTR 207, 209.

THTR 387 The Contemporary Theatre (3)
An in-depth study of the major movements of the modern European and American theatre, including naturalism, absurdism, the epic theatre, and symbolism. The course will focus on the works of Chekhov, Ibsen, Strindberg, Brecht, Pirandello, Beckett, Sartre, Shaw, O'Casey, O'Neill, Miller, and contemporary dramatists.

THTR 388 Dramatic Theory and Criticism (3)
A study of theories of drama ranging from classical Greece to the modern theatre. The course will examine meanings of the elements of drama (plot, character, thought, fiction, music, and spectacle). Writers to be studied will include: Aristotle, Horace, Castelvetro, Sidney, Boileau, Dryden, Goldoni, Diderot, Nietzsche, Eliot, and Artaud.

THTR 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.

THTR 440 Costume Design Research (3)
An examination of costume design with an emphasis on research, design preparation, articulation of concept, scenicographic analysis, and advanced rendering techniques. Prerequisite: THTR 340.

THTR 450 Internship in Theatre (3-6)
Designed to provide the advanced student with the opportunity to pursue a research topic in the context of an experiential learning situation. Open to juniors and seniors only.

THTR 455 Playwriting II (3)
Advanced study of the process of writing the one-act play. Emphasis on concept, first draft, and revision. Prerequisites: 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 instructor.

THTR 490 Independent Study in 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 juniors and seniors with overall GPAs of at least 2.75 and theatre GPAs of at least 3.3, with the 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.

Transportation

TRAN 260 Special Topics in Transportation (1-3)
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. F. Prerequisites: Junior standing; ECON 201, 202.

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. S. Prerequisites: Junior standing; ECON 201, 202.

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 both the design and supervision of the project. A maximum of six hours of tutorial courses may be applied toward the business major elective requirement. Prerequisite: 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 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 Intermodal Transportation Program seniors. F. Prerequisites: Senior standing; TRAN 311, 312, MGMT 322; ECON 201, 202, 303.

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 Intermodal Transportation Program seniors. S. Prerequisites: Senior standing; TRAN 311, 312, MGMT 322; ECON 201, 202, 303.

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 contracting outlining specific work and academic components. Prerequisite: Senior standing and declared major in the School of Business and Economics.

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

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 301 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 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 Sciences (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 to enroll 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 Studies

WMST 200 Introduction to Women’s Studies (3)
This course is designed to explore the rich body of knowledge developed by and about women and gender. Students will study the structure of gender and its consequences for women both in our own culture and throughout selected regions of the world. Students will examine women’s movements, feminist theories and forms of feminist pedagogy.

WMST 300 Special Topics (3)
An examination of an area in women’s 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.

WMST 400 Independent Study (3)
Individually supervised readings and study of some work, problem, or topic in women’s 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.
Maymester and Summer Sessions

(843) 953-4831 or (843) 953-5668
http://summer.cofc.edu

Sylvia H. Gamboa, Dean of Summer Programs

Maymester is a three-week period of concentrated courses between the end of spring semester and the beginning of summer school. Maymester courses are designed to give faculty and students the opportunity for an uninterrupted investigation of subjects that particularly draw their interest. Classes meet for three and one half hours five days each week over the three-week period.

Maymester often includes study abroad courses and courses in conjunction with the Spoleto Festival USA. College of Charleston students, visiting students from other colleges, and members of the community are eligible to attend. Housing is available.

Summer sessions are two five-week day terms of concentrated courses. There are substantial offerings at the introductory and advanced levels in all of the disciplines in the college curriculum. Students may choose to take summer courses to explore fields of study outside of their major concentration, to make up work missed in the regular terms, or to accelerate their progress toward a degree. Summer courses are open to students from other colleges and universities, to community residents and high school students who are recommended by their schools, as well as regularly enrolled students at the College of Charleston. Two seven-week evening sessions with classes meeting two evenings per week also are offered during the summer term. Housing is available.

A catalog providing information about Maymester and summer courses, workshops, and special programs is published each spring. Summer session information is also available online from January to August each year.

Graduate School

(843) 953-5614

W. Hugh Haynsworth, Dean of Graduate Studies

Laura H. Hines, Director of Graduate Services

The Graduate School of the College of Charleston offers 17 master's level degree programs in the following areas:

Accountancy

(843) 953-7835

Linda J. Bradley, Program Director

The School of Business and Economics offers a master of science degree in accountancy. This program will prepare students for careers in a variety of areas in the accounting profession. The master in accountancy program offers a broad base of courses in financial reporting and theory, information systems, tax research, auditing, organizational behavior, managerial accounting, and policy.

The School of Business and Economics is accredited by the American Assembly of Collegiate Schools of Business.

Bilingual Legal Interpreting

(843) 953-5718

Virginia R. Benmaman, Program Director

The master of arts in bilingual legal interpreting is a comprehensive, sequenced and integrated series of courses designed to provide the student with the competencies, techniques, and research skills required of a professional legal interpreter. The curriculum consists of 14 courses (42 credits) to be completed over a two-year period.

Computer Science

(843) 953-8156

George Pothering, Program Director

The Master of Science Degree Program in Computer and Information Sciences (CSIS) is offered jointly by the Department of Computer Science at the College of Charleston and the Department of Mathematics and Computer Science at The Citadel. The CSIS program is designed as a professional master's degree program to serve the growing professional workforce in computer science and software engineering in the Lowcountry. The program provides three areas of specialization:

- Computer Science
- Information Systems
- Software Engineering

Elementary and Early Childhood Education

(843) 953-5613

Candace Jaruszewicz, Program Director, M.Ed. in Early Childhood Education

Olaiya Aina, Program Director, M.A.T. in Early Childhood Education

Mary Blake, Program Director, M.Ed. in Elementary Education

Genevieve Hay, Program Director, M.A.T. in Elementary Education
Special Education  
(843) 953-5613

Bonnie McCarty, Program Director

M.Ed. and M.A.T. degrees are offered in early childhood, elementary, and special education. (In addition, master of education degrees are available in science and mathematics and languages.)

The master of education (M.Ed.) degree is offered for those students who have professional teacher certification and are seeking to increase their skills and knowledge in educational practices, technology curriculum, and evaluation. The master of arts in teaching (M.A.T.) degree is designed for students who do not have backgrounds in educational programs and are seeking to gain the skills and knowledge that will enable them to be effective teachers and become certified to teach.

English  
(843) 953-5665

Joseph Kelly, Program Director

The Graduate School of the College of Charleston and The Citadel offer a joint program leading to a master of arts degree in English. The program is designed to attract qualified holders of the baccalaureate degree, whether recent college graduates, English teachers, or others interested in pursuing graduate studies in English.

Environmental Studies  
(843) 953-2000

Angela Halfacre, Program Director

The Graduate School of the College of Charleston offers a master of science in environmental studies (M.E.S) degree. The program offers environmentally focused courses in the traditional sciences such as geology and biology, as well as in policy sciences.

History  
(843) 953-5711

Bernard E. Powers, Program Director

The Citadel and The Graduate School offer a joint master of arts degree in history providing advanced specialization work in United States history, European history, and Asian/African/Latin American history.

Languages and Language Education  
(843) 953-5459

Robyn Holman, Program Director

The Graduate School’s M.Ed. in Languages and Language Education Program is intended for advanced students of languages and cultures who seek intellectual and professional growth through study and research at the graduate level. The program is part-time, with tracks available in French, Spanish, Latin, and English to Speakers of Other Languages.

Marine Biology  
(843) 953-9200

David W. Owens, Program Director

The Graduate School offers the master of science degree in marine biology in cooperation with a number of Charleston institutions. Students in the program use facilities and resources of The Citadel, College of Charleston, the Marine Biomedical and Environmental Sciences Program of the Medical University of South Carolina, the Marine Resources Research Institute of the South Carolina Wildlife and Marine Resources Department, and the Charleston laboratory of the National Marine Fisheries Service. Student offices and research spaces are provided in the Marine Resources Research Institute and the Grice Marine Laboratory, both of which are located at Ft. Johnson on Charleston Harbor.

Mathematics  
(843) 953-5730

Annalisa Calini, Program Director

The Department of Mathematics offers a program of graduate level training leading to a master of science in mathematics. The program is intended to help prepare students for professional opportunities in business, industry, and government that require training at the graduate level. Courses in the program also serve as an option for secondary school teachers who wish to maintain certification or enhance their professional expertise.

The mathematics faculty at the College of Charleston is supplemented by faculty from The Citadel and the Medical University of South Carolina.

Public Administration  
(843) 953-6100

John G. Bretting, Program Director

In conjunction with the University of South Carolina, the College of Charleston’s Joseph P. Riley Jr. Institute for Urban Affairs and Policy Studies offers a master’s of public administration degree. This program offers graduate-level training in public administration for a variety of public sector careers.

Science and Mathematics for Teachers  
(843) 953-5730

Meta van Sickle, Program Director

The purpose of this interdisciplinary program is to offer graduate level courses in the sciences, mathematics, and education that will address the needs of teachers. Upon completion of the program, the degree offered is a master of education in science and mathematics.

Graduate Assistantships

A limited number of graduate assistantships are available to full-time, degree-seeking students in the various graduate programs. Assistantships are awarded competitively, with applications available in the graduate school office. Information about specific assistantships is available from the graduate program directors.
BAKANIC, Voj, Ph.D., Associate Professor of Sociology (1991)
B.A., M.A., University of South Carolina; Ph.D., University of Illinois

BARBER, Jennifer A., Ph.D., Assistant Professor of Philosophy (2003)
B.A., Brown University; Ph.D., University of Arizona

BALARAB, Rika A., Ph.D., Assistant Professor of Economics (2000)
B.A., St. Joseph’s University, Ph.D., University of Pittsburgh

BALINSKY, Susan, Ph.D., Associate Professor of Physical Education and Health (1990)
B.S., SUNY at Oneonta, N.Y., SUNY at Cortland, M.S., Indiana University; Dr. Phil., University of South Carolina

BARMFELD, William Roy, Ph.D., Associate Professor of Physical Education and Health (1994)
A.A., Broward College; B.S., M.A., Western Carolina University; Ph.D., Auburn University

BARNETTE, Marie D., M.Ed., Senior Instructor of Physical Education and Health (1994)
B.S., College of Charleston; M.Ed., Citadel

BARTHEL, Virginia, Ph.D., Associate Professor of Elementary and Early Childhood Education (1990)
B.A., M.Ed., UNC-Chapel Hill; Ph.D., University of Michigan

BRANAGH, Stephen J., M.A., Ph.D., Associate Professor of Chemistry (1990)
B.S., Case Institute of Technology; M.S.A., Case-Western Reserve University

BRETTING, John, Ph.D., Associate Professor in Political Science (2002)
B.A., University of New Mexico; M.A. and Ph.D., University of Houston

BRENNER, Jeff, Ph.D., Assistant Professor of Religious Studies (1999)
B.A., Reed College; M.A., University of California, Santa Barbara; M.A., Ph.D., University of Michigan

BROCKWAY, Calvin, Ph.D., Assistant Professor of Economics (2001)
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BLAKE, Mary E., Ph.D., Professor of Elementary and Early Childhood Education (1992)
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BOEHM, Richard, Ph.D., Associate Professor of History (1999)
B.A., Johns Hopkins University; M.A., Ph.D., University of Michigan

BOND, Charlotte A., Ph.D., Assistant Professor of Economics and Finance (2003)
B.S., Georgia Institute of Technology; M.B.A., Lamar University; Ph.D., Old Dominion University

BORG, Barbara E., Ph.D., Associate Professor Anthropology (1989)
B.Mus., M.A., University of Iowa; Ph.D., University of Missouri

BOUCHER, Christophe, Ph.D., Assistant Professor of History (2001)
B.A., Université d’Angers, France; M.A.; Ph.D., University of Kansas

BOWERS, Robin, Ph.D., Associate Professor of Psychology (1999)
B.A., St. Cloud State University; M.S., Ph.D., Colorado State University

BOWERS, Terence, Ph.D., Associate Professor of English (1994)
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BOYD, Deborah A., Ph.D., Assistant Professor of Philosophy (1995)
B.A., Wellesley College; M.A., Ph.D., University of Pittsburgh

BRADLEY, Linda, Ph.D., CPA, Assistant Professor of Accounting (1995)
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BRANA-SHUTE, Rosemary, Ph.D., Associate Professor of History (1982)
B.A., Rosemont College; M.A., Adelphi University; Ph.D., University of Florida

BRANCOME, Nancy Amanda, Ph.D., Associate Professor in Elementary and Early Childhood Education (2002)
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BREEDLOVE, William, Ph.D., Associate Professor of Sociology (1996)
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BRETTING, John, Ph.D., Associate Professor of Political Science (2002)
B.A., University of New Mexico; M.A. and Ph.D., University of Houston
<table>
<thead>
<tr>
<th>Name</th>
<th>Degree(s)</th>
<th>Institution(s)</th>
</tr>
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<tbody>
<tr>
<td>BURKETT, Tracy L.</td>
<td>Ph.D., Assistant Professor of Sociology (1998)</td>
<td>B.S., Florida State University; M.A., Ph.D., University of South Carolina</td>
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<tr>
<td>BURNETT, Louis E., Jr.</td>
<td>Ph.D., Professor of Biology (1991)</td>
<td>B.S., College of William and Mary; Ph.D., University of South Carolina</td>
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<tr>
<td>CALGAGNO, Peter T.</td>
<td>Ph.D., Associate Professor of Economics and Finance (2003)</td>
<td>B.S., Hillsdale College; Ph.D., Auburn University</td>
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<tr>
<td>CALINI, Annalisa, Ph.D., Associate Professor of Mathematics (1996)</td>
<td>M.S., Universita degli Studi di Milano, Italy; M.S., Ph.D., University of Arizona</td>
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<tr>
<td>CALLAHAN, Timothy J., Ph.D., Assistant Professor of Geology (2001)</td>
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<tr>
<td>CALLICOTT, Burton, M.A., Reference Librarian I (2001)</td>
<td>B.A., Reed College; M.A., University of South Carolina</td>
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<tr>
<td>CARENS, Timothy L., Ph.D., Assistant Professor of English (1998)</td>
<td>A.B., Harvard College; M.A., Ph.D., New York University</td>
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<tr>
<td>CAREW, James L., Ph.D., Professor of Geology (1981)</td>
<td>A.B., Brown University; M.A., Ph.D., University of Texas-Austin</td>
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<td>CARLSON, Larry A., Ph.D., Professor of English (1979)</td>
<td>B.A., State University of New York at Oneonta; M.A., University of Vermont; Ph.D., Pennsylvania State University</td>
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<td>CARMICHAEL, Tim, Ph.D., Assistant Professor of History (2005)</td>
<td>B.A., Northwestern University; M.A., Ph.D., Michigan State University</td>
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<tr>
<td>CARTER, James E., Ph.D., Associate Professor of Mathematics (1992)</td>
<td>B.S., M.A., University of Oklahoma; Ph.D., University of Illinois</td>
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<tr>
<td>CAVENY, Deana M., Ph.D., Associate Professor of Mathematics (1991)</td>
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<td>CHANDLER, Karen A., Ph.D., Assistant Professor of Arts Management and Director, Avery Research Center (1999)</td>
<td>B.S., Hampton Institute; M.A., Columbia University; Ph.D., New York University</td>
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<td>CHERY, Lynn L., Ph.D., Associate Professor of Communication and Assistant Dean of Undergraduate Studies (1991)</td>
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<td>CHICO-WAYT, Irene, Ph.D., Assistant Professor of Hispanic Studies (2003)</td>
<td>Licenciatura; Universidad Complutense de Madrid, Spain; M.A., Ph.D., University of Kentucky</td>
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<td>CHIKUMA, Yoshiaki, Ph.D., Assistant Professor of Japanese (1999)</td>
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<td>CHOWING, James A., M.A., Senior Instructor of Communication (1998)</td>
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<td>CLARY, Betty Jane, Ph.D., Professor of Economics (1984)</td>
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<td>COATES, Timothy, Ph.D., Associate Professor of History (1995)</td>
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<td>COHEN, David, Ph.D., Librarian III and Dean of Libraries (1981)</td>
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<td>COLOMIA-CABIGOS, Maria, Ph.D., Assistant Professor of Hispanic Studies (2003)</td>
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<td>COPP, Dana Alan, Ph.D., Associate Professor of Anthropology (1993)</td>
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<td>CORMACK, Margaret, Ph.D., Associate Professor of Religious Studies (1994)</td>
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<td>CURTIS, James D., Ph.D., Associate Professor of Psychology (2003)</td>
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<td>COX, Ben L., Ph.D., Assistant Professor of Mathematics (1999)</td>
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<td>COY, Jason P., Ph.D., Assistant Professor of History (2003)</td>
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<td>COZART, Angela C., Ph.D., Assistant Professor of Foundations, Secondary, and Special Education (1998)</td>
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<tr>
<td>CREED, John C., Ph.D., Associate Professor of Political Science (1992)</td>
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<td>CROTTES, John, Ph.D., Professor of Management and Marketing (1997)</td>
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<tr>
<td>CUDAHY, Diane C., Ph.D., Associate Professor of Foundations, Secondary, and Special Education and Associate Dean of the School of Education (1996)</td>
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<tr>
<td>CURTIS, Claire P., Ph.D., Assistant Professor of Political Science (1998)</td>
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<tr>
<td>DANAHIER, William, Ph.D., Associate Professor of Sociology (1996)</td>
<td>B.A., M.S., Ph.D., North Carolina State University</td>
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<tr>
<td>DANIELS, Roger B., Ph.D., CPA, Associate Professor of Accounting (1992)</td>
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<td>DAVIS, Carol Ann, Ph.D., Assistant Professor of English (2000)</td>
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<td>DAVIS, Julie A., Ph.D., Assistant Professor of Communication (2000)</td>
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<td>DRAVER, James P., Ph.D., Professor of Chemistry and Biochemistry (1983)</td>
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<td>DEBURON, Laure, Ph.D., Assistant Professor of Biology (2001)</td>
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<tr>
<td>DEHAAN, Kathleen A., Ph.D., Associate Professor of Communication (1998)</td>
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<tr>
<td>DELLA LANA, Stephen J., M.A., Instructor of German (2003)</td>
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<td>DELLIS, Stephanie, Ph.D., Instructor of Biology (1998)</td>
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<td>DEYET, Bonnie D., Ph.D., Professor of English (1988)</td>
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<td>DIAMOND, Beverly, Ph.D., Professor of Mathematics (1984)</td>
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<tr>
<td>DICKINSON, George E., Ph.D., Professor of Sociology (1985)</td>
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<tr>
<td>DILLON, Robert T., Jr., Ph.D., Associate Professor of Biology (1983)</td>
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DITULLIO, Giacomo R., Ph.D., Associate Professor of Biology (1994)
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DUSTAN, Phillip, Ph.D., Professor of Biology (1981)
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EDWARDS, Linda Carol, Ed.D., Professor of Elementary and Early Childhood Education (1981)
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ELLIS, Edith B., Ph.D., Assistant Professor of Physical Education and Health (2002)
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ELSBAZY, Talita, M.S., Associate Professor of Accounting (1979)
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ENGLAND, Michael Rohn, Ph.D., Senior Instructor of Mathematics (1997)
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ESCALERAS, Monica P., Ph.D., Assistant Professor of Economics (2005)
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FERGUSON, Douglas A., Ph.D., Professor of Communication (1999)
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FIFTEEN, Eric, Ph.D., Assistant Professor of Communication (1996)
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FINEFROCK, Michael Martin, Ph.D., Professor of History (1974)
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FITZHARRIS, Linda H., Ed.D., Associate Professor of Elementary and Early Childhood Education (1994)
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FITZWILLIAM, Maeve A., Ph.D., Senior Instructor of English (1992)
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FLEMING, Katherine, M.S.L.S., Librarian II (1996)
A.B., Syracuse University; A.A.S., Community College of Finger Lakes; M.A., SUNY at Binghamton; M.S.L.S., University of Kentucky

FLORENCE, Hope Morris, M.S., Assistant Professor of Mathematics (1978)
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FORD, Lynne E., Ph.D., Associate Professor of Political Science (1991)
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FOSTER, Robert E., Ed.D., Professor of Foundations, Secondary, and Special Education (1978)
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FRANCIS, Charles, Ph.D., Assistant Professor of Political Science (2002)
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FRANKE, Robert C., Jr., Ph.D., Associate Professor of Biology (1984)
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FRAZIER, Valerie, Ph.D., Assistant Professor of English (2002)
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FRANKE, Robert C., Jr., Ph.D., Associate Professor of Political Science (1984)
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FRIEDMAN, Dougla.1 S., Ph.D., Associate Professor of Political Science (1983)
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FRONABARGER, Allen K., Ph.D., Assistant Professor of Geology (1984)
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FUTTRELL, Michelle, M.A., Instructor of Physical Education and Health (1999)
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GAMBOA, Sylvia, M.A., Assistant Professor of English and Dean of Summer Programs (1988)
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GARTON, Tessa, Ph.D., Associate Professor of Art History (1987)
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GATES, Phyllis, M.A.T., Master Teacher, Miles Early Childhood Development Center (1992)
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GEHR, Katherine A., Ph.D., Assistant Professor of English (1999)
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HAGOOD, Margaret, Ph.D., Assistant Professor in Elementary and Early Childhood Education (2002)
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HAKHILA, Jon, Ph.D., Professor of Physics and Astronomy (2000)
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HALFACRE, Angela C., Ph.D., Associate Professor of Political Science (1998)
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HARRISON, Gary Ph.D., Professor of Mathematics (1982)
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HARRISON, Joseph Mungan, Ph.D., Associate Professor of English (1970)
B.A., University of the South; M.A., Ph.D., University of Virginia

HART, Edward B., Jr., D.M.A., Assistant Professor of Music (1999)
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HARTLEY, Mark, D.B.A., Professor of Business Administration (1985)
B.B.A., M.B.A., Columbus College; D.B.A., Louisiana Tech University

HAY, Genevieve, H., Ph.D., Associate Professor of Elementary and Early Childhood Education (1991)
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HAYNSWORTH, William Hugh, Ph.D., Professor of Mathematics and Dean of the Graduate School (1970)
B.A., University of South Florida; M.S., Ph.D., University of Miami

HAYS, Maureen, Ph.D., Assistant Professor of Anthropology (1986)
B.A., Vassar College; M.A., Ph.D., University of Tennessee

HERBY, Tom Edward, Ph.D., Associate Professor of Communication (1991)
B.A., California State University; M.A., Ph.D., University of Southern California

HEPNER, Frank L., Ph.D., Associate Professor of Economics (1995)
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HEIDRICH, Frederick J., Ph.D., Professor of Chemistry and Biotechnology (1982)
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HERSTON, Mary Elizabeth Coffman, Ph.D., Associate Professor of Art History (1991)
B.A., M.A., Ph.D., The Ohio State University

HETTINGER, Edwin C., Ph.D., Professor of Philosophy (1986)
B.A., Denison University; M.A., Ph.D., University of Colorado

HIERS, Marine, Ph.D., Senior Instructor of French (1991)
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HILLIEN, Willem J., Ph.D., Associate Professor of Biology (1996)
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HINES, Samuel Middleton, Jr., Ph.D., Professor of Political Science and Dean of the School of Humanities and Social Science (1973)
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HITTNER, James B., Ph.D., Associate Professor of Psychology (1995)
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HOFFMAN, Heath C., Ph.D., Assistant Professor of Sociology (2003)
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HOLLINGS, Marie F., M.A., Librarian II (1998)
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HOLMAN, Robyn, Ph.D., Associate Professor of French (1994)
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HOLMES, Catherine D., Ph.D., Senior Instructor of English (1992)
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Transfer: State Policies & Procedure

Statewide articulation of 72 courses

The Statewide Articulation Agreement of 72 courses already approved by the South Carolina Commission on Higher Education for transfer from two- to four-year public institutions shall be applicable to all public institutions, including two-year institutions and institutions within the same system. In instances where an institution does not have synonymous courses to items on this list, it shall identify comparable courses or course categories for acceptance of general education courses on the statewide list.

Admissions criteria, course grades, GPAs, validations

All four-year public institutions shall issue annually in August a transfer guide covering at least the following items:

1. The definition of a transfer student and requirements for admission both to the institution and, if more selective, requirements for admission to particular programs.

2. Limitations placed by the institution or its programs for acceptance of standardized examinations (e.g., SAT, ACT) taken more than a given time ago, for academic coursework taken elsewhere, for coursework repeated due to failure, for coursework taken at another institution while the student is academically suspended at his/her home institution, and so forth.

3. Institutional and, if more selective, programmatic admissions requirements for transfer students that would normally be considered in determining eligibility for admission.

4. Institutional procedures used to calculate student applicants’ GPAs for transfer admission. Such procedures shall describe how nonstandard grades (withdrawal, withdrawal failing, repeated course, etc.) are evaluated; and they shall also describe whether all coursework taken prior to transfer or just coursework deemed appropriate to the student’s intended four-year program of study is calculated for purposes of admission to the institution and/or programmatic major.

5. Lists of all courses accepted from each technical college (including the 72 courses in the Statewide Articulation Agreement) and the course equivalences (including “free elective” category) found on the home institution for the courses accepted.

6. Lists of all articulation agreements with any public South Carolina two-year or other institution of higher education, together with information about how interested parties can access these agreements.

7. Lists of the institution’s transfer officer(s) personnel together with telephone and FAX numbers and office address.

8. Institutional policies related to “academic bankruptcy” (i.e., removing an entire transcript or parts thereof from a failed or underachieving record after a period of years has passed) so that re-entry into the four-year institution with course credit earned in the interim elsewhere is done without regard to the student’s earlier record.

9. “Residency requirements” for the minimum number of hours required to be earned at the institution for the degree.

Coursework (individual courses, transfer blocks, statewide agreements) covered within these procedures shall be transferable if the student has completed the coursework with a “C” grade (2.0 on a 4.0 scale) or above, but transfer of grades does not relieve the student of the obligation to meet any GPA requirements or other admissions requirements of the institution or program to which application has been made.

1. Any four-year institution which has institutional or programmatic admissions requirements for transfer students with cumulative grade point averages (GPAs) higher than 2.0 on a 4.0 scale shall apply such entrance requirements equally to transfer students from regionally accredited South Carolina public institutions regardless of whether students are transferring from a four-year or two-year institution.

2. Any multi-campus institution or system shall certify by letter to the Commission that all coursework at all of its campuses applicable to a particular degree program of study is fully acceptable in transfer to meet degree requirements in the same degree program at any other of its campuses.

Any coursework (individual courses, transfer blocks, statewide agreements) covered within these procedures shall be transferable to any public institution without any additional fee and without any further encumbrance such as a “validation examination,” “placement examination/instrument,” “verification instrument,” or any other stricture, notwithstanding any institutional or system policy, procedure, or regulation to the contrary.

Transfer Blocks/Statewide Agreements, Completion of the AA/AS Degree

The following Transfer Blocks/Statewide Agreements taken at any two-year public institution in South Carolina shall be accepted in their totality toward meeting baccalaureate degree requirements at all four-year public institutions in relevant four-year degree programs, as follows:

- Arts, humanities and social sciences: established curriculum block of 46-48 hours
- Business administration: Established curriculum block of 46-51 semester hours
- Engineering: Established curriculum block of 33 semester hours
- Science and mathematics: Established curriculum block of 48-51 semester hours
- Teacher education: Established curriculum block of 38-39 semester hours for early childhood, elementary and special education students only; Secondary education majors and students seeking certification who are not majoring in teacher education should consult the arts, humanities and social sciences or the math and science transfer blocks, as relevant, to assure transferability of coursework.
- Nursing: By statewide agreement, at least 60 semester hours shall be accepted by any public four-year institution toward the baccalaureate completion program (BSN) from graduates of any South Carolina public associate degree program in nursing (ADN), provided that the program is accredited by the National League for Nursing and that the graduate has successfully passed the National Licensure Examination (NCLEX) and is a currently licensed registered nurse.

Any “unique” academic program not specifically or by extension covered by one of the statewide transfer blocks/agreements listed in #4 above shall either create its own transfer block of 35 or more credit hours with the approval of CHE staff or shall adopt either the arts/social science/humanities or the science/mathematics block by September 1996. The institution at which such program is located shall inform the staff of the CHE and every institutional president and vice president for academic affairs about this decision.

Any student who has completed either an Associate of Arts or Associate of Science degree program at any public two-year South Carolina institution which contains within it the total coursework found in either the arts/social sciences/humanities transfer block or the math/science transfer block shall automatically be entitled to junior-level status or its equivalent at whatever public senior institution to which the student might have been admitted. (NOTE: As agreed by the Committee on Academic Affairs, junior status applies only to campus activities such as priority order for registration for courses, residence hall assignments, parking, athletic event tickets, etc. and not in calculating academic degree credits.)

Related Reports and Statewide Documents

All applicable recommendations found in the Commission’s report to the General Assembly on the
School-to-Work Act (approved by the Commission and transmitted to the General Assembly on July 6, 1995) are hereby incorporated into the procedures for transfer of coursework among two- and four-year institutions.

The policy paper entitled State Policy on Transfer and Articulation, as amended to reflect changes in the numbers of transfer blocks and other Commission action since July 6, 1995, is hereby adopted as the statewide policy for institutional good practice in the sending and receiving of all course credits to be transferred.

Assurance of Quality

All claims from any public two- or four-year institution challenging the effective preparation of any other public institution’s coursework for transfer purposes shall be evaluated and appropriate measures shall be taken to reassure that the quality of the coursework has been reviewed and approved on a timely basis by sending and receiving institutions alike. This process of formal review shall occur every four years through the staff of the Commission on Higher Education, beginning with the approval of these procedures.

Statewide publication and distribution of information on transfer

The staff of the Commission on Higher Education shall print and distribute copies of these Procedures upon their acceptance by the Commission. The staff shall also place this document and the Appendices on the Commission’s Home Page on the Internet under the title “Transfer Policies.”

By September 1 of each year, all public four-year institutions shall on their own Home Page on the Internet under the title “Transfer Policies”:
1. Print a copy of this entire document (without appendices).
2. Print a copy of their entire transfer guide.
3. Provide to the staff of the Commission in satisfactory format a copy of their entire transfer guide for placing on the Commission’s Home Page on the Internet.

By September 1 of each year, the staff of the State Board for Technical and Comprehensive Education shall on its Home Page on the Internet under the title “Transfer Policies”:
1. Print a copy of this document (without appendices).
2. Provide to the Commission staff in format suitable for placing on the Commission’s Home Page of the Internet a list of all articulation agreements that each of the sixteen technical colleges has with public and other four-year institutions of higher education, together with information about how interested parties can access those agreements.

Each two-year and four-year public institutional catalog shall contain a section entitled “TRANSFER: STATE POLICIES AND PROCEDURES.” Such section at a minimum shall:
1. Publish these procedures in their entirety (except Appendices).
2. Designate a chief transfer officer at the institution who shall:
   • Provide information and other appropriate support for students considering transfer and recent transfers.
   • Serve as a clearinghouse for information on issues of transfer in the State of South Carolina.
   • Provide definitive institutional rulings on transfer questions for the institution’s students under these procedures.
   • Work closely with feeder institutions to assure ease in transfer for their students.
   • Designate other programmatic transfer officer(s) as the size of the institution and the variety of its programs might warrant.
   • Refer interested parties to the institutional Transfer Guide.
   • Refer interested parties to the institution’s and the Commission on Higher Education’s Home Pages on the Internet for further information regarding transfer.
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The College of Charleston is committed to having a campus that is free from illegal or abusive use of substances, as such interfere with the academic learning process. The College is alcohol and substance abuse policies apply to all employees, students, guests and visitors of the College. Violations of these policies may result in college disciplinary sanctions. Policy and sanction details are outlined in the Student Handbook and for employees through the Office of Human Resources. The responsibility for knowing potential health risks and abiding by the provisions of the College of Charleston’s alcohol and substance abuse policy rests with each individual.
FALL SEMESTER
(This calendar is subject to change. See www.cofc.edu/-undergrad/academic.html for the most current version.)

AUGUST 2003
25 New student convocation
26 Fall and Express I (Fall) classes begin

OCTOBER 2003
7 Last day to withdraw from classes with a grade of “W”
14 Express II classes begin
19* Fall Break begins
20 Fall Break (SD)
21 Fall Break (SD)

NOVEMBER 2003
26-29 Thanksgiving Holiday
30* Classes Resume

DECEMBER 2003
8 Last day of classes
9 Reading day (SD)
10 Final examinations begin
17 Final examinations end
19 Final grades due to registrar by noon
21 Midyear commencement

SPRING SEMESTER
(This calendar is subject to change. See www.cofc.edu/-undergrad/academic.html for the most current version.)

JANUARY 2004
14* Spring and Express I classes begin
19 Martin Luther King Holiday — no classes

FEBRUARY 2004
25 Last day to withdraw from classes with a grade of “W”

MARCH 2004
7* Spring break begins
14* Classes resume, Express II classes begin

APRIL 2004
28 Last day of classes
  Monday class schedule — Only Monday, MWF and MW classes meet.
29 Reading day
30 Final exams begin

MAY 2004
5 Reading day
8 Final exams end
11 Final grades due to registrar by noon.
15 Graduate commencement
16 Undergraduate commencement

*Weekend dates affect classes on Saturday and Sunday.
SD: potential storm make-up day
null