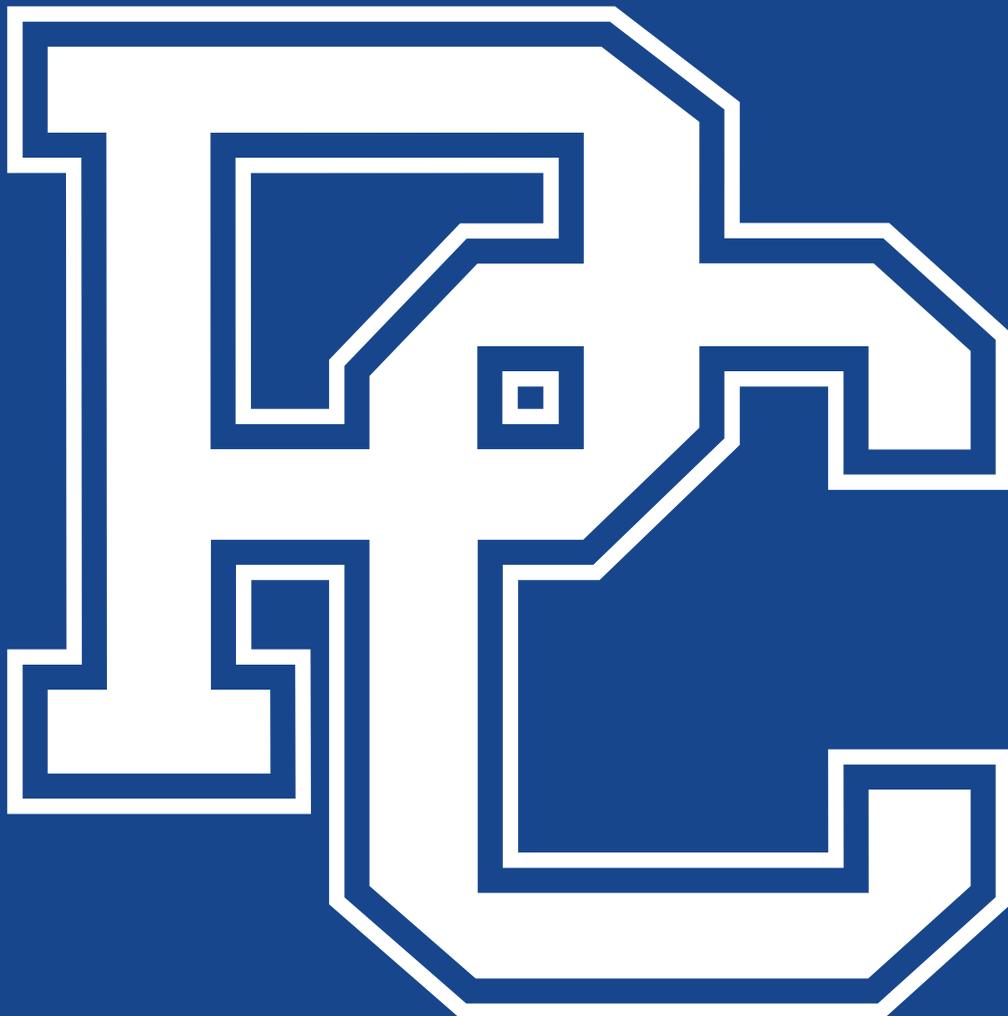

PRESBYTERIAN COLLEGE

2022-2023
COLLEGE OF ARTS & SCIENCE
ACADEMIC CATALOG, 143RD ACADEMIC YEAR



Communication Directory

To facilitate prompt attention, address inquires as follows:

Admissions.....	Director of Admissions
Alumni Interests.....	Executive Director of Alumni Relations
Athletics.....	Director of Athletics
Business Matters.....	Vice President for Finance & Administration and CFO
Curriculum.....	Provost
Financial Aid.....	Director of Financial Aid
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Gifts and Bequests.....	Vice President of Advancement
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Public Relations.....	Vice President of Enrollment and Marketing
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Summer School.....	Provost
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Accreditation

Presbyterian College is accredited by the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) to award baccalaureate, masters, and doctorate degrees. Presbyterian College also may offer credentials such as certificates and diplomas at approved degree levels. Questions about the accreditation of Presbyterian College may be directed in writing to the Southern Association of Colleges and Schools Commission on Colleges at 1866 Southern Lane, Decatur, GA 30033-4097, by calling (404) 679-4500, or by using information available on SACSCOC’s website (www.sacscoc.org).

The College is also accredited by the American Society of Biochemistry and Molecular Biology (biochemistry) and the Council for the Accreditation of Educator Preparation (CAEP, education). (CAEP was formerly known as the National Council for Accreditation of Teacher Education, or NCATE.)

Policies Disclaimer

The course offerings, regulations, fees and other materials appearing in this catalog are announcements. Nothing contained herein is to be construed as representing contractual obligations of Presbyterian College, which reserves the right to change its courses of instruction fees, changes for room and board, and general academic regulations without notice, should circumstances warrant in the judgment of the college. The Provost must approve any deviations from stated policies and procedures. Courses listed in this catalog may not be offered every year. The Registrar will publish an official list of courses to be offered before the beginning of each term.

Presbyterian College is an equal educational opportunity institution. The College’s admission standards and practices are free from discrimination on the basis of age, sex, race, creed, color, disability, ethnicity or national origin.

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The PC Experience

The PC Experience

Presbyterian College is a fully accredited, private, residential, baccalaureate institution related to the Presbyterian Church (USA). The College provides a liberal arts education within a community of faith, learning, and intellectual freedom.

In 1880, William Plumer Jacobs, pastor of Clinton's First Presbyterian Church who had earlier established Thornwell Orphanage, founded Presbyterian College primarily to provide education at a higher level for the orphans. For many years predominantly an institution for the education of men, Presbyterian College became fully coeducational in 1965.

While the student body typically represents more than 25 states and several countries, most of the students traditionally come from the Southeastern United States. Presbyterian College sustains a Christian heritage of integrity and service not only by striving for academic excellence but also with a comprehensive honor code, wide-ranging opportunities for volunteer service, and close attention to the needs of each student. The College grants B.A., B.S., MPAS, Pharm.D., and OTD degrees.

Mission

The compelling purpose of Presbyterian College, as a church-related college, is to develop within the framework of Christian faith the mental, physical, moral, and spiritual capacities of each student in preparation for a lifetime of personal and vocational fulfillment and responsible contribution to our democratic society and the world community.

Goals That Guide the College in Fulfilling Its Mission:

- To help students gain a basic knowledge of humanities, natural sciences, and social sciences; a special competence in one or more particular areas of study; and an ability to see these studies as part of the larger search for truth
- To develop in students the ability to think clearly and independently, to make critical judgments, and to communicate effectively in both speech and writing
- To foster in students an aesthetic appreciation of the arts and literature
- To acquaint students with the teachings and values of the Christian faith
- To help students develop moral and ethical commitments, including service to others
- To help students attain a sense of dignity, self-worth, and appreciation of other persons of diverse backgrounds
- To encourage in students an appreciation for teamwork and for physical fitness and athletic skills that will contribute to lifelong health
- To foster in students an appreciation of, and concern for, the environment and natural resources

Honor Code

Committed to the rigorous pursuit of liberal learning and the teachings of the Christian faith, the Presbyterian College community is dedicated to integrity in the pursuit of truth and honor in the building of community. As members of this community, we share a common commitment to maintaining the high standards of honesty and honorable conduct required for this pursuit.

Since 1915, our commitment has been realized in our agreement to live under the Honor Code of the College. As this Code is student maintained, our agreement contains two parts: first that we personally adopt the standards of conduct as stated in the Honor Code; and, second, that we deal responsibly with those of our peers who fail to do so. By holding one another accountable to this commitment, we ensure the integrity of our academic program and community.

Our acceptance of this commitment ensures the value of our individual degrees. We realize that if dishonest students graduate and hold a degree from Presbyterian College, they claim knowledge that they did not earn and do not have, therefore, everyone's degree is devalued. This commitment also allows us to enjoy an atmosphere of mutual trust and respect among students, faculty, and administration. The academic and social advantages therein are many: as students, we are trusted to work

independently; exams may be taken free of supervision; computer labs are available twenty-four hours a day; personal property is generally safe on campus; and one's word may be considered trustworthy, both on and off campus. It is our shared interest in preserving this atmosphere that motivates our commitment to the Honor Code.

However, privilege requires responsibility. We at Presbyterian College are responsible for knowing the purpose, design, and procedures of our Honor Code and are required to exhibit honorable conduct in all areas of life: social as well as academic, off campus as well as on. It is solely through the consistency of this commitment that we may both trust and be trusted, respect and be respected, regardless of place or circumstance. Therefore, each of us is expected to maintain the integrity of that commitment at all times.

When we join the Presbyterian College community, we sign the Roll of Honor and formally enroll under the pledge:

"On my honor, I will abstain from all deceit. I will neither give nor receive unacknowledged aid in my academic work, nor will I permit such action by any member of this community. I will respect the persons and property of the community and will not condone discourteous or dishonest treatment of these by my peers. In my every act, I will seek to maintain a high standard of honesty and truthfulness for myself and for the College."

The Academic Honor Code

Presbyterian College students pledge to abstain from all deceit and dishonorable conduct in their academic work, as in their lives outside of the classroom. Though many acts may at times be considered deceitful or dishonorable, students at Presbyterian College agree that lying, cheating, plagiarism, and failure to enforce the Academic Honor Code are by definition dishonorable and are, therefore, always in violation of the Honor Code.

The Academic Honor Code

1. **Lying** is defined as any attempt to deceive, falsify, or misrepresent the truth in any academic matter.
2. **Cheating** is defined as the employment of or rendering of any unacknowledged or unallowed aid in any academic work. Unacknowledged aid includes aid that is not allowed by the instructor.
3. **Plagiarism** is defined as the presentation in or as one's own work of the words, work product, or ideas of another person without appropriate citation or acknowledgement.
4. **Failure to enforce the Academic Honor Code** is defined as any act of omission that permits violations of the Academic Honor Code to occur or to go unreported.

All students enrolling at Presbyterian College are bound not only to abstain from the above, but also to report such acts committed by fellow students. When events of a questionable nature occur in matters of scholarship, it is the responsibility of each student to promptly communicate that information to the Academic Honor Council which will determine whether or not a violation has occurred.

Academic Honor Code Penalties

Subject to a decision by the Council or on appeal to impose a different penalty, in accordance with the standards set forth in Section V.E.2.c of the Blue Book, the penalties for a violation of the Honor Code shall be as follows:

For a first violation:

1. Immediate suspension for the remainder of the current semester; and

2. For violations involving cheating, plagiarism, or lying to gain academic advantage in a course, a grade of “F” will be imposed in that course and in any other course in which the instructor of that course certifies the student was failing as of the date of violation, with withdrawals assigned in all other courses.

The penalty for a second violation of the Honor Code is immediate and permanent expulsion from the College.

For additional information, please see the Blue Book.

Diversity

Presbyterian College’s commitment to diversity and inclusivity is grounded in the College’s Mission Statement and extends to the entire Presbyterian College community.

The College seeks to foster mutual respect and understanding among and for all people of different cultures, ethnicity, races, religions, sexual orientations, genders, ages, national origins, socioeconomic backgrounds, and physical abilities.

We strive to enrich our community by attracting, supporting, and retaining students, faculty, and staff from a diversity of backgrounds and perspectives who bring a variety of talents, passions, and world views.

We believe Presbyterian College should be a place where those who live, work, and study see difference as an opportunity and stimulus to learn about themselves, each other, and the larger world.

We are committed to assisting students in developing humane instincts and disciplined and creative minds for lives of leadership and service.

We are intentional about deepening our knowledge, awareness, and understanding for all people, and we seek to develop skills to interact constructively across our differences.

We are compelled to act to make our community and the world more socially just because we recognize the dignity and worth of every person.

Title IX Harassment, Discrimination, and Reporting

Presbyterian College affirms its commitment to the promotion of fairness and equity in all aspects of the educational enterprise. Harassment and discrimination—including sex discrimination, sexual harassment, sexual misconduct, gender-based violence, and stalking—not only disrupts this commitment, but also violates College policy and federal, state, and/or local law. Presbyterian College prohibits harassment and discrimination and addresses reported incidents through policy and procedures, and, if desired by the individual who has experienced or is experiencing such behavior, through assistance in pursuing the criminal investigation and prosecution of alleged offenders. The Sexual Misconduct Policy may be reviewed by going to <https://www.presby.edu/doc/hr/SexualMisconductPolicy.pdf>

Should you or someone you know experience behavior that is coercive, discriminatory, harassing, or sexually violent in nature, or if you or someone you know has questions about their rights and options regarding such behavior, you are encouraged to contact:

- Terri Tibbs, Vice President of Human Resources & Compliance, Title IX Coordinator: (864-938-3722), trtibbs@presby.edu
- Sandy Dowdle, Director of Human Resources Operations, Deputy Title IX Coordinator: (864-833-8207), sldowdle@presby.edu
- Andrew Peterson, Dean of Students, Deputy Title IX Coordinator: (864-833-8486), atpeterso@presby.edu

Incidents of sexual misconduct, gender-based violence, and stalking may similarly be reported directly to law enforcement, either separately or in conjunction with any report made to the College’s Title IX Coordinator.

- Presbyterian College Police Department: (864-833-8301) or (864-833-8911).

Unless specifically identified otherwise by policy, all faculty, staff, and administrators of Presbyterian should notify the

College's Title IX Coordinator of any incident of discrimination and harassment disclosed to them involving a member of the campus community (students, faculty or staff). This includes any and all reports of sexual harassment, sexual violence, sexual misconduct, gender-based violence, and/or stalking. Reporting helps to ensure that individuals who are experiencing or have experienced discrimination or harassment are connected to the full range of resources and options afforded to them.

If you are in need of support or advocacy and wish to discuss such matters confidentially, you are invited to consult any of the free resources listed below. The options below are confidential and are exempted from reporting obligations to the Title IX Coordinator.

- Susan Gentry, Director of Student Counseling: (864-833 8100); sgentry@presby.edu
- Debra J. Franks, Counselor: (864-833-8377); djfranks@presby.edu
- Rev. Dr. Buz Wilcoxon, Marianne & E.G. Lassiter Chaplain, Dean of Spiritual Life (864 -833-8217); bwilcoxon@presby.edu

Assessment

The College's Admissions Office seeks students who can benefit from—and contribute to—Presbyterian College. The majority of incoming freshmen rank in the top quarter of their high school classes and have participated in activities ranging from athletics to music and from volunteer service to student government. The Presbyterian College campus is home to students who are willing to challenge themselves to be their best and demonstrate academic, professional, and leadership potential.

Assessment at PC seeks to document the results of these challenges. All undergraduate PC students will take part in regularly scheduled assessment programs in order to honor the College's commitment to the integration, development, and success of each student. Assessment instruments evaluate a range of constructs including, but not limited to, students' levels of engagement in the classroom, participation in service and religious life, approaches to ethical dilemmas, satisfaction with college experiences, critical thinking patterns, and progress in cognitive development. Students who complete assessment expectations will receive an 'S' on their academic transcript, whereas non-participation without a valid excuse or unsuccessful participation results in a 'U' on the student's transcript.

COVID 19 Pandemic

Presbyterian College continues to address the challenges caused by the COVID-19 pandemic. Staff and faculty have worked hard to ensure safe classrooms, residence halls, gathering spaces, and outdoor locations for living and learning on campus.

Please recognize that you must abide by all COVID-19 protocols as well as any other health and safety-related rules and regulations that PC shall adopt. You may face disciplinary consequences if you fail to abide by these protocols and rules, including policies in place in individual classes and across campus related to the use of personal protective equipment such as masks and face coverings, or physical distancing requirements. These policies will be enforced as necessary in classes by professors and outside classes by staff members in campus life, athletics, and other areas.

Even with these policies, protocols, and rules in place, as a result of the COVID-19 pandemic you should understand there are substantial risks and uncertainties from engaging in activities that involve contact with other persons, including the risk of contracting COVID-19 or infecting others with COVID-19, and infection with COVID-19 carries with it increased risk of serious illness or death, including illnesses not currently known to be associated with COVID-19.

Presbyterian College cannot guarantee that all courses of instruction (or any portion thereof) will occur as planned and reserves the right to cancel or modify any or all of the programs of the college (including but not limited to the right to close any or all residence life, athletic, dining or other facilities, close the entire PC campus or portions thereof, and/or transition all or part of instruction to online/distance learning) if circumstances require.

The 2022-2023 academic year will continue to require both flexibility and patience as we work together to address the challenges of communicable diseases and deliver on the mission of Presbyterian College.

Admissions

Requirements for Admission

Presbyterian College admits students based on their academic and personal qualifications. Admission decisions are made after a holistic review of a student's application, high school transcript, standardized test scores, and writing ability. Submission of recommendation letters, résumé, and personal statement are encouraged, and interested students are urged to visit the campus. The College does not discriminate against applicants or students on the basis of culture, ethnicity, race, religion, sexual orientation, gender, age, national origin, socioeconomic background, or physical ability. PC reserves the right to refuse the readmission or the original application of any student who, in the opinion of the Office of Admission, does not fit into the scholastic or social life of the campus. PC adheres to the National Association for College Admission Counseling's Code of Ethics and Professional Practices.

Admission from High School

The College ordinarily requires for entrance the completion of a four-year high school course of study, including four units of college preparatory English, four units of mathematics (including Algebra I, Algebra II, and geometry), and two or more units of each of the following: foreign language, laboratory science, history, and social science. Applicants are strongly encouraged to take honors, dual credit, Advanced Placement, and International Baccalaureate courses whenever possible.

Test-Optional Admissions Policy

Internal and external research surrounding factors correlating to academic potential yielded a decision to offer a test-optional admission policy to students seeking admission to the College. Since the fall of 2013, applicants have been able to use their performance in the classroom to showcase academic achievement and academic potential. Test-optional applicants are required to submit an application, high school transcript, and short answer responses. More information regarding the test-optional policy can be found on the PC website.

First Time Freshmen Application and Notification Dates

	Application Deadline	Notification Date	Deposit Date
Early Action **	December 1	December 15	May 1
Regular Decision	February 1	March 15	May 1
Rolling Decision	July 15	Rolling	Rolling

Transfer Students

All transfer applicants must submit transcripts from all colleges or universities attended and be in good standing and eligible to return to their most recently attended institution. Transfer applicants with fewer than 28 credit hours must also submit their high school transcript and standardized test scores (or follow the test-optional policy). Transfer students are evaluated on a rolling bases and are admitted based on their entire academic record.

Transfer students will be granted appropriate credit for courses that correspond to or are the equivalent of courses offered by Presbyterian College and that have been satisfactorily completed. Courses that do not correspond to courses offered by PC may be accepted, with approval from the Provost.

All transfer credits are tentative and dependent upon satisfactory work at PC. A maximum number of 68 hours can be transferred from a two-year college. Transfer students must complete general education requirements for the year in which they enter. Courses with grades of pass/fail are not accepted.

Special Students

Non-degree seeking students who intend to audit courses or obtain dual credit are officially classified as “special students.” Upon approval from individual faculty members and the Director of Admissions, they shall be admitted to desired classes. Special students can transition to regular student status only by submitting a new application requesting such a change to the Admissions Office.

Former Students Returning

Students who previously attended PC and have not attempted credit at another institution are considered Former Students Returning. They are required to submit an abbreviated application, and upon verification of good standing and approval by the Director of Admissions, readmission to the College will be granted.

Enrollment Deposit

To confirm their intention to enroll, students are required to submit their intent to enroll form and a \$400 non-refundable deposit.

Matriculation Pledge

Each student must sign this matriculation pledge upon enrollment:

“On my honor, I will abstain from all deceit. I will neither give nor receive unacknowledged aid in my academic work, nor will I permit such action by any member of this community. I will respect the persons and property of the community and will not condone discourteous or dishonest treatment of these by my peers. In my every act, I will seek to maintain a high standard of honesty and truthfulness for myself and for the College.”

Student Aid

Financial Aid

The Presbyterian College Office of Financial Aid serves as a resource to inform and assist students and parents in finding financial assistance to enable students to attend Presbyterian College. Services offered include informing, counseling, and assisting students and parents in a timely and equitable manner.

The Office of Financial Aid is dedicated to helping students and their families make attending Presbyterian College affordable. There are many different sources of financial aid available to qualified students. It is best to complete and submit all required forms as soon as possible, as most financial assistance is awarded on a first-come, first-served basis for qualified applicants.

The Office of Financial Aid awards financial aid to qualified applicants regardless of race, religious creed, gender, place of national origin, or ethnic group.

The cost of a college education is a major expense item in most family budgets. Presbyterian College recognizes this reality with a financial aid program designed to help those qualified students who need assistance to attend school.

Parents are expected to make a maximum effort toward underwriting the cost. Beyond this point, the College offers a variety of scholarships, grants-in-aid, work opportunities, and loan funds to help defray expenses.

To help assess the need of each student, PC requires the Free Application for Federal Student Aid (FAFSA). This application makes a standard evaluation of family financial resources and recommends the amount of aid needed, and the federal government approves this approach for the numerous student aid programs it finances on college campuses. Apply online at studentaid.gov.

Annual review of the recipient's financial need is determined by yearly submission of the FAFSA. The priority deadline for receipt of the FAFSA results is March 1 for new and prospective students.

A candidate for a scholarship or other financial aid must be accepted for admission to PC to be eligible for consideration. PC reserves the right to amend or adjust an award should a student receive additional aid from any source, including scholarship, loan, or work on or off campus. Awards may be underwritten by funds from any source.

Financial Aid Application Process

Financial aid applicants must complete the FAFSA online at studentaid.gov. The student and one parent will need his/her FSA ID from the Department of Education to electronically sign the FAFSA. If you do not currently have a FSA ID, you may request one at studentaid.gov. The completion and submission of the FAFSA allows financial aid administrators to determine how much parents are expected to contribute to the educational costs for the student. It is a fair and equitable system of establishing the financial need for each student. In order to maximize your financial aid award, students should complete the FAFSA as soon as possible after October 1.

By completing the FAFSA, a student applies for federal, state, and institutional aid. Students should complete only one FAFSA each year. Presbyterian College will receive the FAFSA results electronically. The PC FAFSA code is 003445.

Completing the FAFSA is easy. Simply go online to the following web address and follow the step-by-step instructions: studentaid.gov/h/apply-for-aid/fafsa.

Students must be enrolled full-time (12 hours or more) to receive institutional funds, federal funds (with the exception of the Federal Pell Grant and Stafford Loans), and state funds. Students may receive institutional financial assistance for a total of four years or eight semesters. If students receive outside scholarships, Presbyterian College institutional funds may be adjusted (reduced) based on eligibility or need for financial aid.

All students are awarded as on campus (residential) students unless the parent and/or the student notifies the Office of Financial Aid that he/she will commute and is approved by the Office of Residence Life to live off campus. If a student changes status from a boarding student to a commuting student, his/her financial aid could be affected. The financial aid would be adjusted (reduced) to reflect the difference between an on-campus budget and a commuting budget. Please contact the Office of Financial Aid with questions.

All aid applicants are strongly urged to check with local service clubs, churches, or employers about scholarships they might offer.

Students may not receive financial aid funds in excess of cost of attendance, which includes tuition, fees, room and board, personal expenses, transportation, books, and supplies, regardless of the source(s) of financial assistance. Institutional funds awarded may not exceed direct costs of tuition, fees, room, and board. No exceptions apply to this policy. Students are responsible for the purchase of books and supplies and should allow between \$1,500 and \$2,000 per year.

Award Limitations

All institutional aid is awarded on a first-come, first-served basis, and funding is limited. Students must file the FAFSA by March 1 to be eligible to receive institutional funds. As a general policy, institutional financial aid is awarded only to returning students who have earned an overall grade point average of at least 2.0 on a 4.0 scale. Any student with a cumulative GPA of less than 2.0 will not be eligible for financial aid. Financial aid through Presbyterian College is not available to students who take classes at any other institution.

Presbyterian College institutionally funded aid is not available for summer school, part-time students, fifth-year students, Presbyterian College School of Pharmacy students, Physician Assistant students, Occupational Therapy students, audited courses, independent study, or students seeking unapproved domestic or international studies.

Financial aid applicants are reviewed and awarded individually and on an annual basis. In the awarding of institutional aid, factors such as need, academic potential, major, talents, and other aid received are considered.

Satisfactory Academic Progress

To be eligible for federal financial aid, a student must maintain satisfactory academic progress (SAP), measured by both qualitative and quantitative means in the following three areas of performance: completion rate for coursework enrolled, cumulative grade point average earned, and the maximum time frame to complete a degree. Qualitative measures are described in the SAP guidelines under academic policies. Quantitative SAP is measured both over the entire course of study and in increments of study. The maximum number of semesters a student can receive federal aid is 12. Increments are defined as an academic year, which include fall and spring semesters. To maintain quantitative SAP, students must earn 67 percent of the credit hours attempted over an academic year. Failure to earn credit for 67 percent of all classes will result in ineligibility for federal aid for the following semester. Eligibility may be restored once the 67 percent threshold is regained.

Institutional aid is not available for students who do not meet SAP. Students may appeal to the Financial Aid Appeals Committee through the Office of Financial Aid if there are extenuating circumstances (such as the death of a relative, an injury or illness of the student, or other special circumstances). Students on academic probation, whether by qualitative or quantitative standards, are subject to a reduction in institutional aid until they are considered to be in good academic standing with the College. SAP standards apply for all federal, state, and college funded financial assistance programs.

Frequency and Interval of Review: SAP is reviewed at the conclusion of the spring semester prior to the awarding of any federal financial aid and institutional awards for the upcoming academic year.

Maintaining Qualitative and Quantitative Eligibility: Students must meet the following three requirements at the end of each semester to maintain SAP and eligibility for federal financial aid programs:

- **Completion Rate (67 Percent Pace Rule):** Students must, at a minimum, receive a satisfactory grade in the courses attempted by completing 67 percent of the credits for which they enrolled. This calculation is performed by dividing the number of credits earned by the credits attempted. Credit hours attempted are generally based on the student's enrollment on the financial aid census date. Withdrawals, audits, and grades of F, I, or U are not considered successful completions for federal financial aid purposes.
- **Cumulative Grade Point Average:** Students must earn a minimum of 2.00 GPA to remain in satisfactory academic progress.

- **Maximum Time Frame:** Students who have completed a degree or certificate are considered to have reached the maximum time frame. Students must complete a degree or certificate program in no more than 150 percent of the average length of their program. Time frame limitations include all credits pursued, earned, dropped, repeated, and failed. All applicable transfer hours accepted by PC are included as hours attempted as well as hours earned.

All credit hours are included regardless of whether the student received financial aid. Students pursuing additional degrees are likely to reach the maximum time frame. The maximum time frame may be adjusted upon receipt of an appeal.

Program Type Total Credit Hours Required Maximum Attempted Hours Allowed for Aid Eligibility

Program Type	Maximum Years/Sem	Maximum Attempted Hours
B.A. or B.S.	6 years / 12 semester	180
Pharm.D	5 years / 10 semesters	174

Other Factors:

- **Audits:** Classes taken for audit will not be considered when determining semester award amounts or minimum semester credits completed. Classes taken for audit will not be considered as attempted credits toward the maximum time frame for completion.
- **Repeated Coursework:** To count toward enrollment status for financial aid purposes, a previously passed course may be repeated once.

Probation and Loss of Eligibility Status

Financial aid probation and loss of eligibility apply only to a student's status for purposes of financial aid eligibility at PC. This does not become part of the student's permanent record and is not transferable to other institutions. Please be aware that financial aid status may differ from academic status.

- **Financial Aid Probation:** If a student does not meet SAP requirements, he/ she may complete an appeal for reinstatement of aid if there are extenuating circumstances. Approval of the appeal grants reinstatement of financial aid on a one term basis.
- **Loss of Eligibility:** A student will lose federal financial aid eligibility if the requirements for maintaining eligibility are not met during the warning or probationary semester. Students who have reached or exceeded the maximum time frame for completion will be placed on immediate loss of eligibility status.

Reinstatement of Eligibility

Completion of Credit and Cumulative GPA

Students may appeal a federal financial aid suspension for any of the following reasons: personal injury, illness, death of a family member, or special circumstances. To appeal for any of the above situations, students must submit a complete financial aid appeal. The appeal should include:

1. A written statement indicating what circumstance prevented the student from meeting the standards and what steps the student plans to take to ensure future success; and
2. An academic plan signed by the student's current academic adviser.

Reinstatement is effective for the current term or next term of enrollment as determined by the Financial Aid Appeals Committee. Reinstatement of aid is not effective retroactively for a completed term.

Policy on Recalculation of Hours

If a student drops hours after the drop/add period, no adjustment is made to the charges or the aid for that semester.

Policy on Refunds for Withdrawn Students

If a student withdraws from all classes during the first 60 percent period of the semester, all aid that is not earned will be returned to the aid program involved. Refunds (including Return to Title IV refunds) will be calculated on a per diem basis tied to the semester calendar. Students who withdraw during the final 40 percent period of the semester will receive no refunds, and no adjustment to charges will be made. Aid will be returned in the following order:

1. PLUS Loan
2. Federal Direct Student Loan – Unsubsidized
3. Federal Direct Student Loan – Subsidized
4. Federal Pell Grant
5. Supplemental Educational Opportunity Grant
6. TEACH Grant
7. State funds
8. Presbyterian College grants and scholarships
9. Private scholarships

A revised aid award letter will be updated and an email will be sent to the student to go to his/her BannerWeb account to view the revised financial aid package. The Business Office will recalculate the charges and refund any overpayment to the student or parent if the student did not receive financial aid funds.

Return of Presbyterian College Funds Policy: No refund(s) will be made from Presbyterian College funds to students who withdraw, regardless of the withdrawal date.

Return of S.C. State Funds Policy: Refund(s) will be made to S.C. State programs on a pro-rated basis.

Return of Outside Scholarship Funds Policy: No refund(s) will be made to any outside scholarship program, for a current semester. Refunds for outside scholarships will be made for future semesters.

Appeal Process for Determination of Withdrawal Date

If a student feels there are unusual circumstances regarding the withdrawal date, he/she has the right to appeal. The appeal should be directed to the Provost's Office.

Copies of the Financial Aid Withdrawal Worksheet (Department of Education's Return to Title IV calculation) and examples of the refund process are available upon request from the Office of Financial Aid.

Presbyterian College Academic Scholarships

The scholarship programs described below are awarded competitively to entering freshmen on the basis of academic merit, extracurricular activities, leadership, and character. Financial need is not a factor. The selection process includes a review of applications, high school records, standardized test scores, and for the Griffith Scholarship, campus interviews. These scholarships are usually packaged along with other types of financial aid and may only be a part of the total financial aid award. Please contact the Admissions Office or the Office of Financial Aid for more information about these scholarships or about other types of available aid. Each of these awards applies to the undergraduate program only and does not apply to the School of Pharmacy, Physician Assistant program, and Occupational Therapy program. Institutional/merit awards are available up to 8 semesters (fall and spring) of academic study at Presbyterian College.

Griffith Scholarship: PC's most prestigious award, the Griffith Scholarship, covers the full cost of tuition, fees, room and board and is renewable for up to four years of undergraduate study at PC with specific GPA renewal requirements. Two high school seniors selected each year as Griffith Scholars not only will have exhibited exceptional academic achievement, but they also will have demonstrated leadership ability and potential as well as outstanding personal character. To be considered, candidates must submit an admissions application by November 15. Griffith awardees must pay for parking pass, enrollment deposit, new student fee, damage fees, and parking fines.

China Scholars Program: The China Scholars Program welcomes up to 30 students each year. As freshmen, these students complete two semesters of Chinese language instruction at PC, followed by an immersion experience during a Maymester trip to China. Candidates must submit an admissions application along with an additional essay by November 15.

Music Scholarships: The Department of Music offers two types of scholarship support: The General Scholarship in Music is available to all PC students interested in participating in the department's programs and ensembles, while the Dorothy C. Fuqua Music Scholarship is available only to students who intend to major in music. Candidates must submit the Music Scholarship Application to the Department of Music. Direct any questions to the department at 864.833.8470 or music@presby.edu.

Merit-Based Scholarships: Presbyterian College offers a wide variety of merit-based scholarships for academic and leadership accomplishments throughout high school. When evaluating a student's file for merit scholarships, we consider academic performance, strength of curriculum, strength of high school, SAT/ACT scores, class rank, and leadership. Candidates must complete an admissions application by February 1. All merit-based scholarships are awarded based on a student's re-calculated GPA using only core academic courses taken in high school.

Palmetto Boys State and Palmetto Girls State Scholarships: PC offers special scholarships to attendees of Palmetto Boys State and Palmetto Girls State. Candidates must be accepted for admission by February 1.

ROTC Scholarships: High school juniors and seniors may apply for the U.S. Army ROTC Four-Year College Scholarship, which includes full tuition and fees, \$1,200 annually for books, and a monthly stipend for contracted cadets. Additionally, Presbyterian College may pay standard room and board for these scholarship recipients. Candidates must submit an admissions application by November 30 and the FAFSA by March 1. Current PC students may also apply for ROTC scholarships. Visit the Military Science Department for details.

Endowed Scholarships

Presbyterian College holds in its endowment over 500 scholarship funds. These scholarships, established by alumni, churches, foundations, corporations, parents, and friends of the College, often carry the name of the donor or the name of someone whom the donor wishes to honor.

Donors of endowed scholarships have designated the qualifications that students must have in order to become recipients of the scholarships. Designations include students with financial need, students demonstrating outstanding academic ability, students studying in specific disciplines, student athletes, and students from specific geographical areas or specific local churches.

Endowed scholarships are administered through the Office of Financial Aid. Students will be required to complete a FERPA Scholarship Authorization form.

The majority of Presbyterian College's endowed scholarships are designed for students with financial need. These scholarships will often replace PC Grant or PC Promise funds.

Other Institutional Assistance Programs

Athletic Scholarships: Athletic scholarships are available for men in baseball, basketball, cross-country, golf, soccer, tennis, and wrestling. Women may receive scholarships in basketball, cross-country, golf, lacrosse, soccer, softball, tennis, volley-ball, and wrestling.

Presbyterian College Grants: The Scholarship Committee awards other grants to students who qualify due to need or outstanding achievements. Awards may be renewable, provided satisfactory progress is maintained.

Student Employment Opportunities: Many work opportunities are available on campus through which a student may earn funds toward meeting expenses. Jobs include work in the library, administrative offices, faculty departments, health center, student center, and campus services, as well as positions as residence counselors and receptionists. Priority for work opportunities is given to students with financial need through the Federal Work Study Program.

South Carolina Scholarship, Grant, and Loan Programs

General eligibility criteria for scholarships and grants:

- **Must be a South Carolina resident**
- **Must be a U.S. citizen or legal permanent resident**
- **Must be enrolled as a degree-seeking student** at an eligible South Carolina public or independent institution
- **Must not owe a refund or repayment** on any state or federal financial aid and not be in default on a federal student loan
- **Must have never been convicted of a felony** and have not been convicted of any second or subsequent alcohol/drug-related misdemeanor offense(s) within the past academic year

Students may receive only one (1) of the following scholarships from the state of South Carolina each year: Palmetto Fellows Scholarship, LIFE Scholarship, or SC HOPE Scholarship.

South Carolina Tuition Grant: This grant provides up to \$4,500 per year for up to four years to qualified legal residents of South Carolina attending Presbyterian College. Awards are based on financial need as determined by the South Carolina Tuition Grants Commission. Students must meet SAP and continue to have financial need to be eligible for renewal each year. Students must submit the FAFSA by June 30 each year.

Palmetto Fellows Scholarship: This scholarship awards \$6,700 for freshmen and \$7,500 for sophomores, juniors, and seniors, up to a maximum of eight consecutive semesters. Three requirements for eligibility include:

1. a 3.5 GPA at the end of the high school junior year (state uniform grading scale); and
2. scoring at least 1200 on the SAT or 27 ACT equivalent; and
3. ranking in the top 6 percent of the class at the end of the sophomore or junior year.

Two requirements for alternate eligibility include:

1. a 4.0 GPA at end of high school junior year (state uniform grading scale) and
2. scoring at least 1400 on the SAT or 32 ACT equivalent.

Renewal: Scholarship recipients must maintain a 3.0 PC GPA and earn at least 30 credit hours at PC each academic year to retain the scholarship.

LIFE Scholarship: Eligible South Carolina residents must meet two of three criteria in order to receive this \$5,000 scholarship:

1. a 3.0 GPA (state uniform grading scale);
2. an 1100 SAT or 24 ACT composite score; or
3. rank in the top 30 percent of the high school class. Students can gain eligibility at Presbyterian College with an average of 30 hours per academic year (fall, spring, and summer terms) and a 3.0 cumulative LIFE GPA.

Renewal: To maintain eligibility, students must maintain a 3.0 LIFE GPA and earn an average of 30 credit hours per academic year (fall, spring, and summer terms). Eligibility for entering freshmen is based on the final high school transcript.

Palmetto Fellows Scholarship and LIFE Scholarship Enhancements: The state of South Carolina has created \$2,500 per year enhancements for Palmetto Fellows and/or LIFE Scholarship recipients majoring in science or math fields. To receive the Enhancement, a student must be a second-year student or beyond and meet first-year requirements. The first-year requirements must be completed in the student's freshman year, which includes the fall, spring, and summer semesters. First-year requirements: Complete 14 hours in approved science and/or math courses.

To meet the first-year requirements, students can use credits from AP/IB/CLEP, high school dual enrollment, courses taken the summer before the freshman year and courses taken as pass/fail. Please note that although these types of courses count toward the freshman year requirements for an enhancement, they do not count toward meeting the renewal criteria of Palmetto Fellows. The PC approved Math/ Science majors for the SC Palmetto Fellows or LIFE Enhancements are: Biology, General; Biochemistry; Mathematics; Chemistry, General; Physics, General; Medical Physics, and Computer Science.

In addition to defining eligible majors, individual courses must be identified that meet the 14 hours of math and/or science during the freshman year requirement. Please note that current interpretation of the new legislation precludes students from ever becoming eligible for the enhancements if the 14-hour requirement is not met by the end of the freshman year. AP credits and dual enrollment courses (college courses taken while in high school) can satisfy the 14-hour rule.

South Carolina HOPE Scholarship: Students who do not qualify for a Palmetto Fellows or LIFE scholarship may be eligible for a South Carolina HOPE Scholarship. To be eligible for this one-time scholarship of \$2,800, the student must have a 3.0 GPA and be a SC resident at the time of high school graduation and college enrollment. A student who receives the SC HOPE Scholarship can still be awarded a LIFE Scholarship later if he/she meets the requirements. The SC HOPE is a freshman only scholarship. It is not renewable.

South Carolina State Scholarships:

	Freshman	Sophomore	Junior	Senior
HOPE	\$2,800	—	—	—
LIFE	\$5,000	\$5,000	\$5,000	\$5,000
LIFE Enhancement	—	\$2,500	\$2,500	\$2,500
Palmetto Fellow	\$6,700	\$7,500	\$7,500	\$7,500
Palmetto Fellows Enhancement	—	\$2,500	\$2,500	\$2,500
SC Tuition Grant	\$0 - 4,500	\$0 - 4,500	\$0 - 4,500	\$0 - 4,500

Federal Programs of Student Assistance

Pell Grants: Awards ranging up to \$6,895 per year (determined by a standard needs analysis formula) may be awarded to eligible students. These grants are based on an individual's enrollment status and may be paid for full-time, three-quarter time, half-time and less than half-time attendance.

An application must be submitted each year (FAFSA). Awards are renewable, provided the student maintains satisfactory progress and continues to have financial need as determined by the U. S. Department of Education.

The Pell Grant is an entitlement program. No repayment is required unless a refund is due as a result of enrollment changes or withdrawal from studies.

The Supplemental Education Opportunity Grant, and the College Work Study Program are federal programs administered by the college. Recipients are selected by the Office of Financial Aid based on need and available funds. Students having the greatest need will receive priority for the awards.

The college must amend or adjust awards based on financial need should the student receive awards, long-term loans or work that causes established need to be exceeded.

Federal Supplemental Educational Opportunity Grant: Awards are made to students of exceptional financial need who, without the grant, would be unable to continue their education. Awards range from \$500 to \$4,000 per year, depending on need and available funds.

Determination is made by the College and based upon the results of the FAFSA. For renewal, students must maintain satisfactory progress and continue to have exceptional financial need.

Federal College Work Study Program: The work study program provides jobs for students with established financial need who must earn a part of their educational expenses. Payments are made to the student by check or direct deposit each month.

Federal Direct Student Loan: Loan amounts range from \$5,500 per year to eligible freshmen, \$6,500 for sophomores, and \$7,500 per year to juniors and seniors through the Federal Stafford Loan Program. For the subsidized, or need-based, Federal Stafford Loan, payments of principal and interest are deferred until the student is no longer enrolled on at least a half-time basis. Renewal is based on continuing need and completion of the FAFSA at studentaid.gov.

Federal Parent PLUS Loan for Undergraduate Student: PLUS is a federal loan program that allows parents to borrow up to the cost of attendance minus any financial aid received per academic year. It is not based upon need. Repayment begins 60 days after disbursement and may be extended up to ten years. The interest rate is fixed. Parent PLUS loans can be applied for at studentaid.gov.

Veterans Benefits: Certain armed service veterans and dependents who qualify under federal laws (administered by the US Department of Veterans Affairs) are eligible to receive educational benefits. Information about these programs may be obtained by visiting www.benefits.va.gov/gibill.

In accordance with Title 38 US Code 3679 subsection (e), this school adopts the following additional provisions for any students using U.S. Department of Veteran Affairs (VA) Post 9/11 G.I. Bill (Ch. 33) or Vocational Rehabilitation and Employment (Ch. 31) benefits, while payment to the institution is pending from the VA. This school will not:

- Prevent the student's enrollment;
- Assess a late penalty fee;
- Require student secure alternative or additional funding;
- Deny their access to any resources (access to classes, libraries, or other institutional facilities) available to other students who have satisfied their tuition and fee bills to the institution.

However, to qualify for this provision, such student may be required to:

- Provide Chapter 33 Certificate of Eligibility (or its equivalent) or for Chapter 31, VA VR&E's contract with the school on VA Form 28-1905 by the first day of class.

#Note: Chapter 33 students can register at the VA Regional Office to use E-Benefits to get the equivalent of a Chapter 33 Certificate of Eligibility. Chapter 31 students cannot get a completed VA Form 28-1905 (or any equivalent) before the VR&E case-manager issues it to the school.

- Provide written request to be certified;
- Provide additional information needed to properly certify the enrollment as described in other institutional policies.

Other Sources of Financial Assistance

Other State Grants: Out-of-state students should check with local state agencies to find out the availability of their grant programs.

Vocational Rehabilitation Scholarships: Individuals with physical disabilities classified as vocational handicaps may receive financial aid from state departments of vocational rehabilitation. Detailed information is available through the departments of vocational rehabilitation in the student’s home state.

Aid in the Local Community: Students are encouraged to seek out and apply for scholarships, loans, and work opportunities in addition to those available through the College, state, and federal funds. Suggested sources of aid to be explored include—but are not limited to—the following: civic clubs, bank trust departments, churches, professional organizations, veterans’ groups, high school guidance offices, family employers, foundations, and community employment.

Program	Amount	Criteria	Renewal
Pell Grant	\$650 to \$6,895	Must file FAFSA	Must file FAFSA, Maintain SAP
SEOG	\$500 to \$4,000	Must file FAFSA, Pell Eligible, Funds are limited	Must file FAFSA Funds are limited, Pell Eligible, Maintain SAP
Federal Work Study	Amounts Vary \$1,000 + per year	Must file FAFSA	Must file FAFSA, Maintain SAP
Federal Direct Subsidized Stafford Loan	Freshman yr: \$3,500 Sophomore yr: \$4,500 Junior yr: \$5,500 Senior yr: \$5,500	Must file FAFSA, Subsidized (Need-Based), Must be enrolled at least half-time (6 credit hours)	Must file FAFSA, Subsidized (Need-Based), Maintain SAP
Federal PLUS Loan (Parent Loan for Undergraduate Students)	Up to Cost of Attendance minus Financial Aid	Based on credit history	Based on credit history, Must file FAFSA and PLUS loan application annually

Consumer Information

Information on financial aid is available by visiting our PC Financial Aid Website at www.presby.edu. Click on the Financial Aid link in order to get more information. Specific questions can be asked on this website by sending them to finaid@presby.edu. Additional information available upon request from the Financial Aid staff and from the catalog and handbooks of the College consists of: descriptions of all financial aid programs available to students who enroll at Presbyterian College; procedures and forms for applying for such aid; rights and responsibilities of students receiving such aid; criteria for continued eligibility; criteria for determining good standing and maintaining satisfactory progress; means and frequency of payment of awards; terms of loans; general conditions and terms of student employment; and cost of attending the institution, including direct and interest costs.

Financial Information

The College is deeply committed to offering each student an excellent education while focusing financial attention on cost containment. Policies and programs are in place to ensure that this occurs. Thanks to the generosity of donors—past and present—virtually no student pays the full cost of a Presbyterian College education. Annual support, together with income from endowments, covers a significant portion of the cost.

Charges for the 2022 - 2023 School Year

This information is correct as of July 1, 2022. Changes in assistance programs may result in changes to the following information. Some rooms, including single rooms, are charged other rates. The fee varies by type of room, ranging from \$5,500 to \$8,530 per year. A schedule of charges is available in the online Financial Brochure on the Business Office website.

Financial aid awards only apply to typical double room rates. Students and parents are responsible for paying any difference on premium alternate room rates.

A 160-block meal plan is available to residents of Spradley Hall, Townhouses, Scottish Arms apartments, Apartment-Style housing, student teachers, and commuters for \$3,850 per year.

Fall and Spring Charges – Full-Time Enrollment		
	Resident Student	Commuter Student
Tuition	\$38,900	\$38,990
General Fee	\$2,250	\$2,250
Technology Fee	\$660	\$660
Room (Typical Double)	\$5,500	
Meals- Unlimited	\$5,800	
Total Amount Charge	\$53,200	\$41,900

Part-Time Enrollment

Senior citizens (age 62+) may audit a course for a flat fee of \$75. Parking stickers are included in the course fee for senior citizens. Special rates are available for high school students enrolled in the dual enrollment program. Contact the Business Office for further information.

Fall and Spring Charges – Part-Time Enrollment	
Tuition	\$1,630 per credit hour
Matriculation Fee	\$30 per semester
Technology Fee	\$30 per credit hour

Summer Charges		
	Resident Student	Commuter Student
Tuition	\$490 per credit hour	\$490 per credit hour
Matriculation Fee	\$30 per term	\$30 per term
Technology Fee	\$30 per credit hour	\$30 per credit hour
Science Laboratory Course Fee	\$50 per course	\$50 per course
Room (Typical Double)	\$950 per term	
Meals	\$575 Summer 1 \$575 Summer 2	

Fees

Applied Music Fees: Fees for applied music lessons are \$350 for a half-hour credit and \$550 for a one-hour credit.

Course Specific Fees: Each course that requires payment of a specific fee related to enrollment in a course will be disclosed in the portion of the catalog that describes the course.

Diploma, Cap, and Gown Fee: A one-time fee of \$125 for diploma, cap, and gown is automatically assessed and billed to each student upon reaching 90 credit hours or upon officially declaring dual-degree candidacy. A student who withdraws after paying the fee will receive a full refund. Upon re-entering Presbyterian College the fee is reassessed.

Directed Study/Internship Course Fees: Directed study or internship courses are charged at the per credit hour rate. Technology and matriculation charges may also apply.

Graduation Application Fee: A late fee of \$50 is assessed for any graduation application submitted after the stated deadline

General Fee: A \$1,125 per semester fee covers necessary charges that must be made for certain services and items of equipment. It includes matriculation, library, and student activities fees. Charges for student activities cover participation in athletic activities, free admission to all intercollegiate athletic contests played on campus, and subscription to student publications. This fee is required of all commuter and residential students.

International Student Fee: All international students are assessed a \$300 fee per semester.

Drop/Add Late Fee: Changes to a student's schedule may be allowed, in extenuating circumstances, after the "drop/add" and "withdrawal" deadlines. If approved, a fee of \$50 generally applies.

Miscellaneous Fees: Charges for special medicines, emergency transportation, services, and other appropriate items are made when and if these charges occur. These bills will be handled in accordance with College policy.

Orientation Fee: All incoming freshmen and transfer students are required to pay a \$200 new student fee (subject to change).

Returned Check Fee: Students are charged a \$30 fee for any check received in payment of any obligation that is returned by the bank.

Science Laboratory Course Fee: Students are charged \$200 per science course requiring a lab.

Student Insurance Fee: All students are required to have insurance. Students are required to provide proof of insurance or sign the waiver card included on the medical form located on the new student orientation checklist page. If neither form is received, students may be enrolled in a suitable plan at their cost.

Study Abroad Fee: PC students studying abroad are assessed a \$500 per semester fee while abroad.

Technology Fee: All full-time students pay a \$330 per semester technology fee. Part-time students pay \$30 per credit hour up to a maximum of \$330 per semester. This fee supports the College's investment in computing and technology and it supports the educational program.

Travel Course Fees: Courses requiring travel (foreign and domestic) require additional charges. These costs, payable at the time the course is offered, are subject to change as circumstances of travel indicate. For any off-campus study or internship for which

the student receives Presbyterian College credit, the minimum charge will be tuition and fees charged by Presbyterian College.

Escrow Deposits – Freshmen and Transfers

An Escrow Deposit is required of all incoming students. Students, upon receipt of their acceptance letter to enroll at Presbyterian College for the 2022-2023 academic year, are required to pay a nonrefundable \$400 Escrow Deposit. This deposit secures a space in the classroom for the appropriate entrance date for each semester and in the College's student housing program. If there is a credit balance after application of the deposit toward the student's tuition account, a refund will be processed within approximately 45 days. However, if after application of the deposit toward the student's tuition account there still remains an outstanding balance, payment in full of the outstanding balance must be received before the College will honor any requests for transcripts. The College will also withhold a student's diploma until any outstanding balance is paid.

Living and Dining Accommodations

With the exception of the Scottish Arms apartments, the fee for room rent includes accommodations in College housing, A/C, heat, lights, water, cable, laundry, and janitorial service for common areas. Water, sewer, and trash disposal are provided to students residing in the Scottish Arms. All other utilities are the responsibility of the student. Apartments are unfurnished.

The rates include all necessary expenses for a nine-month session except books and spending money. PC reserves the right to increase these rates if such action becomes necessary.

Personal expenses must be determined by the individual student. All full-time single students, except those commuting daily from their family's residence which is located within forty miles of the College, are required to live in College residence halls and subscribe to a meal plan each semester. Exceptions to this policy can be granted in extraordinary cases by the Dean of Students. Some senior-only housing is available in new apartment-style housing, Spradley Hall, the townhouses, and the Scottish Arms apartments. A housing lottery will determine which seniors will be permitted to live in these housing options or live off campus.

During the fall and spring terms, Greenville Dining Hall offers a wide variety of food to suit almost every taste. Many entrees are prepared to order and cooked while you watch. The College offers three meal plans – an unlimited plan, unlimited plus plan, and a 160-block meal plan. Most students must select a full plan, either the unlimited or the unlimited plus plan. Students residing in the College new apartment-style housing, Townhouses, Spradley Hall, or the Scottish Arms apartments have the option of selecting a 160-block meal plan. Student teachers residing in College housing have the option of selecting a 160-block meal plan during their semester of student teaching. Commuters may elect any meal plan or choose no meal plan and pay at the door for any meals eaten in the dining hall.

All meal plans include "Bonus Bucks" that may be used in lieu of cash in the Springs Food Court. Additional Bonus Bucks may be purchased and added to the student's ID card in the dining hall.

While enrolled in summer school, students have the option to reside on or off campus, but all students, regardless of hours taken, are eligible to reside in residence halls. A summer session meal plan is available for all residential students as it offers 19 meals per week for \$575 per summer session (30 days). This is a required fee for all enrolled students living on campus during the summer. Non-residential students may purchase individual meal plans or simply pay at the door at Greenville Dining Hall.

Policy for Payment of Tuition, Fees, Room, and Board

The purpose of this policy is to provide Presbyterian College students and their families a clear understanding of the College's requirements for payment of tuition, fees, room, board, and other charges that may be posted to the student's account. The policy establishes the consequences of non-payment of accounts by the established deadlines. All statements are due and payable as indicated in the online invoice from the Office of Student Accounts found at www.presby.edu/stuacct. The College expects payment or enrollment in the payment plan through Nelnet by the dates indicated. Payment plan participants' Nelnet accounts must be in a current status when students arrive on campus for the semester.

Students who have not made payment or satisfactory arrangement for payment by the first day of class may be subject to holds that could deny them access to their grades, transcripts, or registration. PC reserves the right to drop a student's course load due to non-payment. Details of the tuition and fees payment policy are available on the Business Office website.

The College reserves the right to accrue a finance charge on outstanding obligations not to exceed 18 percent APR. Non-payment of financial obligations to the College can result in referral of accounts to outside collection agencies.

Students will be responsible for payment of all collection costs, including legal fees that may be required for collection purposes. Also, the collection agencies will report delinquent accounts to the major credit bureaus resulting in potential damage to the individual's credit rating.

Hours for the Cashier window in the Smith Administration Building are 8:30-noon and 2:00-5:00 p.m. Monday through Friday. When the Cashier's window is closed, payments may be dropped into a secure mail slot underneath the window.

Account information is available at www.presby.edu/stuacct.

Online Invoicing and Online Payment Available at www.presby.edu/stuacct

Schedule for Payments (Annual cost is divided between the two semesters)			
		Resident Student	Commuter Student
Aug. 16, 2022	Fall Term (estimated)	\$26,600	\$20,950
Dec. 16, 2022	Spring Term (estimated)	\$26,600	\$20,950

Bills are available online. Except in special circumstances, no paper bills will be mailed. Students may pay either by Electronic Check (E-Check) at no extra charge or by credit card (MasterCard, Visa, American Express, or Discover) for a 2.5 percent processing fee. The site offers payment confirmation immediately after the transaction is completed. Fund posting may take three-to-five business days. Checks may also be mailed or submitted in person to Presbyterian College. To view the invoice and make payments at any time, students will need their PC identification number and the last four digits of their social security number.

Tuition Payment Plan (monthly installment plan)

Several plans are offered including a 10-Month Plan (opening in May), a Fall Plan (opening in May), and a Spring Plan (opening in November). (Annual fee – \$65 and semester fee – \$50; in-person customer service available during normal business hours.) Escrow deposits may not be paid through the installment payment plan.

Go to the online application at MyCollegePaymentPlan.com/presbyteriancollege or call toll free at 800.609.8056.

Refund Policy

General refunds (overpayment or excess loan funds) will be disbursed each semester unless the student completes a carry forward credit form, which allows the Office of Student Accounts to hold the refund from the fall term to the spring term. All refunds will be made payable to the student except when there is a PLUS (Parent Loan) on the account.

During the summer terms, the first day of class will be used for the purpose of computation of refunds. Refunds will be computed on all fees, including room and board, based on the prorated refund calculation required by federal law. The refund will apply for any student whose withdrawal date is through the 60 percent enrollment period in time (through the third week). The prorated refund calculation will also apply to financial aid awards to be refunded to all sources. An administrative fee of \$100 (as allowed by law) will be assessed on withdrawals.

Withdrawal from the College

Many commitments of the College are based upon the enrollment at the beginning of the year. Students are expected, therefore, to be in attendance for the entire year. Students who withdraw may receive a partial refund. The first day of class will be used for the purpose of computation of refunds. The official date of withdrawal will be established by the Provost according to College policy. Refunds will be computed on all fees including room and board, and based on a prorated refund calculation required by federal law. There is no refund applicable after a student has attended 60 percent of the semester (i.e., through the ninth week of the semester). The prorated refund calculation will also apply to all financial aid awards to be refunded to granting agencies. Students who withdraw in the final 40 percent period of the semester will receive no refund and no adjustment to charges will be made. An administrative fee of \$100 (as allowed by law) will be assessed on withdrawals.

Withdrawal from a Course or Courses

Any full-time student who drops below full-time (12 hours) to part-time status after the last day for late registration and change of courses will be charged tuition, fees, room, and board at the full-time rate. Therefore, no refund will be given. It is not possible to withdraw from a course after the term has ended.

Transcripts

Official transcripts of record are available through the Registrar's Office. All requests for transcripts must be made in writing. Presbyterian College has partnered with the National Student Clearinghouse to offer online request services. Students may request a paper copy (\$2.50 per copy) or a secure PDF copy (\$4.25 per copy) via the Clearinghouse.

Any separate requests made directly in the Registrar's Office are \$10.00 per copy. PDF copies are only available via the Clearinghouse website. Students requesting overnight service will be charged an additional \$30.00 UPS fee. No student will receive a transcript of credits until all charges have been paid or satisfactory arrangements have been made with the Office of Student Accounts. Upon notification of any defaulted loan, a hold is placed on the account for release of a transcript.

Diplomas

Diplomas will be held until any outstanding balance is paid. Students who have student loans (Stafford, etc.) are required to complete an exit interview prior to graduation. Diplomas will be held until the exit interview has been completed. For convenience, exit interviews will be available online.

Academic Policies and Procedures

The Academic Calendar

The fall term is from mid-August to mid-December, while the spring term is from January to May. Each semester is approximately 15 weeks long, including coursework and final examinations.

Maymester, a short term following Commencement, offers courses, including those involving off-campus study. Participation is optional.

The summer schedule offers two terms of five weeks each. Participation is optional, but strongly encouraged for those pursuing an accelerated degree program. Summer school applicants must meet regular admission requirements.

Classification

Students are classified according to the number of hours earned:

0-27 hours	Freshman
28-59 hours	Sophomore
60-89 hours	Junior
90 hours and above	Senior

Classification is updated at the end of every academic term.

Academic Course Loads

A regular student must take a minimum of 12 hours each semester to remain enrolled. The normal semester load is 12 to 18 hours.

Additional hours may be taken with the following overload limitations:

19 hours	2.80 GPA previous semester
20 hours	3.00 GPA previous semester
21 hours	3.30 GPA previous semester

No student will be given more than 21 credit hours per semester. This total includes correspondence, extension, and audit courses.

A maximum of eight credit hours may be earned in an approved summer term. To graduate in four years, a student must successfully complete an average of slightly more than thirty credit hours per academic year. To graduate in three years, a student must successfully complete an average of slightly more than 40 credit hours per academic year.

Academic Advising

The College offers academic advising to all students, placing the experience of its faculty at the service of students for formal and informal counseling.

Each new student is assigned a faculty adviser. The student should arrange a consultation with the adviser:

1. before registering for courses each semester
2. before dropping courses
3. when planning a program of study and selecting a field of concentration and
4. any time an academic issue arises.

Accommodations Guidelines

While Presbyterian College does not have a specific program for students with disabilities, the college makes every effort to provide reasonable accommodations for students with documented disabilities and to assist those students in obtaining their education. Students requesting reasonable accommodations from Presbyterian College (PC) based on a disability are required to submit appropriate documentation to verify eligibility under the Americans with Disabilities Act of 1991 and amended in 2008 (ADA), Section 504

of the Rehabilitation Act of 1973, the Fair Housing Act of 1988 (for residential accommodations). All students, including those with documented disabilities, must take the required courses for a B.A. or B.S. degree. The definition of “disability”, according to the ADA, is, with respect to an individual, “a physical or mental impairment that substantially limits one or more of the major life activities of such individual; a record of such an impairment; or being regarded as having such an impairment” 56 FR 35694, 35717 (July 26, 1991); 56 FR 35544, 35548 (July 26, 1991).

Major life activities include, but are not limited to: “Caring for oneself, performing manual tasks, seeing, hearing, eating, sleeping, walking, standing, sitting, reaching, lifting, bending, speaking, breathing, learning, reading, concentrating, thinking, writing, communicating, interacting with others, and working” 81 FR 53202, § 35.108 Definition of disability (C) (1) (August 11, 2016).

Students with documented learning, physical, sensory, health, or psychiatric disabilities may request reasonable accommodations to ensure equal access to education, housing, meal, and co-curricular activities at Presbyterian College. (Equal access is defined by the U.S. Department of Education as an equal opportunity of a qualified person with a disability to participate in or benefit from educational aid, benefits, or services.).

Reasonable accommodations are those that do not fundamentally alter the nature of an academic course or the institution’s policies, including the required courses for a B.A. or B.S. degree and do not place an undue hardship on the institution.

Reasonable accommodations are distinguished from services of a personal nature that PC does not provide. In addition, PC does not provide transportation to any classes or medical offices for any student.

Students who wish to request reasonable accommodations are expected to self-disclose by completing the Accommodations Initial Intake Form and by providing current documentation of their disability. Documentation must not be more than three calendar years old from the student’s initial date of enrollment at Presbyterian College. Documentation should be sent directly to accommodations@presby.edu.

Foreign Language Substitution Policy

Presbyterian College regards all admitted students as “otherwise qualified” to participate in any program of academic study with or without reasonable accommodations. Thus, students with disabilities are not excused from degree requirements. In certain limited circumstances, however, substitution of the general education foreign language requirement may be determined to be a reasonable and appropriate accommodation for a student with a properly documented disability. Any accommodation of this nature will be considered only when it has been confirmed that the student’s disability makes completion of the requirement impossible with or without any other reasonable accommodations. Consideration of a course substitution for foreign language will be made on a case-by-case basis, taking into account the educational purposes served by the language requirement. Typically, course waivers are not granted and should be considered as a last resort (upon confirmation that no reasonable accommodation with a smaller impact on the College’s educational program will allow a student to complete the foreign language requirement).

Documentation and procedures for requesting a foreign language substitution:

A student may petition for substitution of the foreign language requirement based on prior testing for a learning disability or by referral of a Presbyterian College foreign language professor because of unusually severe difficulties in a college level foreign language course. For entering students with prior documentation of a learning disability, the petition may be filed prior to matriculation or at any time thereafter. Gaining approval for a course substitution is often a lengthy process, and students are encouraged to begin the process as early as possible.

In order to be approved to substitute courses to fulfill the College’s foreign language requirement, the student must submit diagnostic test scores administered by an appropriate professional external to the Provost’s Office. Presbyterian College’s Disability Support Services Coordinator will evaluate all test scores and make a recommendation to the Dean of Academic Programs and the student. Information pertaining to the tests necessary to establish a language-based disability can be found in the Provost’s Office. Testing must have taken place within two years of the date of application for the language substitution and the results must be based on tests using adult norms. Presbyterian College reserves the right to require additional testing if deemed necessary.

In the event that test scores indicate a severe foreign language disability, the student may petition in writing to the Provost requesting a substitution of courses for the foreign language graduation requirement. The student’s petition must be accompanied by documentation of the disability, a letter from the student’s foreign language professor (if the student is or has been enrolled in a foreign language class at Presbyterian College), and a letter from the Dean of Academic Programs summarizing the findings of Presbyterian College’s Disability Support Services Coordinator.

The Provost has ultimate authority to determine whether to grant any foreign language substitution request. If the petition is granted, the Provost will identify a selection of courses appropriate as substitutions. Any such courses used to fulfill the language requirement may not be counted to fulfill any other general education requirement. Depending on the circumstances, the Dean of Academic Programs may also recommend that the student be granted a late withdrawal from a language course.

Registration

Students who are currently on campus at the time of registration are expected to register according to the instructions given. Students generally register in the fall for the upcoming spring and register in the spring for the upcoming summer and fall. Students must meet with their advisers during registration to discuss their academic progress and to establish a plan for the upcoming semesters.

Students may register online from the start of the registration period through the drop/add date. This date, the last day for schedule changes, is the end of the first week of classes for fall and spring terms (the second full day of classes during summer terms). Schedule changes may be made through the drop/add date without penalty. A student may, during the first eleven weeks in the fall and spring terms (in summer school, after three weeks of classes), withdraw from a course with a grade of "W."

Course Audits

Registered students may audit courses, subject to permission and requirements imposed by the instructor. If a record of the audit is to appear on the transcript, the student must fulfill attendance requirements for the course. A course may neither be converted to audit status nor from audit to graded or pass/fail status after the drop/add date.

Pass/Fail Grading Option

During the junior and senior years, students may elect to take up to a total of nine hours of courses on a pass/fail basis. This excludes courses prescribed for the student's major/minor program and courses in the major/minor field. No more than two courses per semester may be taken on a pass/fail basis. Grades received in courses taken pass/fail do not earn quality points, are not used in the grade point ratio, and are not used in the calculation of honors. General education requirements may not be satisfied on a pass/fail basis.

A course previously taken for a grade may not be repeated as a pass/fail course. A course may neither be converted to pass/fail status nor from pass/fail to graded status after the drop/add date. A grade of "W" will be awarded in the case of withdrawal during the first 11 weeks of a pass/fail course.

Research, Internships, and Other Special Courses

Students may enroll in selected directed studies, independent studies, internships, research, selected readings, and special projects. A directed study requires a minimum GPA of 2.25 with course approval by the Provost. A maximum of nine credit hours may be counted towards graduation. Each directed study will culminate in a research paper or its equivalent. A department may, at its option, allow the hours earned in a directed study to count toward the major.

An independent study requires a minimum GPA of 2.25 with approval by the Provost. Only courses currently in the College curriculum may be taken as an independent study. As such, course requirements for independent studies are the same as the requirements and learning objectives of the course when taught in a structured class.

Internships require a minimum GPA of 2.00 at the time of application (or higher if specified by the department in which the internship is taken). A maximum of six credit hours may be counted towards graduation. Internships are graded on a pass/fail basis only. A department may, at its option, allow the hours earned in an internship to count toward the major.

Research requires a minimum GPA of 2.50 (or higher if specified). A maximum of nine credit hours may be counted towards graduation. A department may, at its option, allow the hours earned in a research to count toward the major.

Selected readings are open to students with sophomore, junior, or senior standing. Hours earned in these readings cannot be used to meet requirements for the major. A maximum of nine credit hours may count towards graduation.

Seminars are regularly offered by various departments of the College. The requirements for these courses are individually listed.

Special Topics Courses

Special topics courses are those that cover subject matter that is not part of the regular curriculum. A special topics course must have prior approval from the department and the Provost and may be offered twice. Students may enroll in and receive credit for an unlimited number of special topics courses as long as any prerequisites and other requirements are met.

Class Attendance Policy

Each academic department will set and administer its own absence policy; therefore, students should read carefully the absence policy as described in each professor's course syllabus. Students whose absences exceed the number allowed may be dropped from the class with a grade of "FA."

When an absence is unavoidable, students should notify their professors, in advance when possible, by telephone or email to make them aware of their absence and to coordinate any missed work. Students should be prepared to offer medical or other documentation to substantiate the need for their absence.

Final Examinations

A final exam schedule is published each semester by the Provost's Office, and instructors announce the final examination policy for each course at the beginning of the semester. At the discretion of the instructor, exams may be given at other times that do not conflict with the exam schedule. Instructors may allow individuals to take exams at any time that is mutually agreeable to student and instructor, though no final exam may be taken outside of the period covered by the final exam schedule without permission from the Provost.

At the end of each semester, all instructors must either give a comprehensive written examination lasting up to three hours or require a culminating project. The final examination/culminating project shall count at least 15 percent of the total semester grade. Exceptions may be made with prior approval from the department and the Provost.

No required tests shall be given on the last five calendar days preceding final exams. This does not include quizzes, lab tests, or research papers.

Hours, Grades, and Quality Points

A semester hour is the unit of academic credit representing one hour of lecture class or three hours of laboratory work each week for an academic semester. If a class meets three times each week, the credit earned is three semester hours.

Maymester and summer terms are exceptions, as classes meet more often and for longer intervals to cover the material necessary to qualify for the semester hours of credit.

A student earns quality points, along with semester hours, by successfully completing a course with a grade of “D” or better. The number of quality points per semester hour is as follows:

Superior	Honors
A 4 quality points A- 3.7 quality points	H 4 quality points
Good	Other Designations
B+ 3.3 quality points B 3 quality points B- 2.7 quality points	FA Failure due to excessive absences (considered same as “F”) W Approved Withdrawal I Incomplete (becomes “F” if not removed during first 4 weeks of the following semester) S Satisfactory (C- or above) U Unsatisfactory (D+ or below, considered same as “F”) AU Audit
Satisfactory	
C+ 2.3 quality points C 2 quality points C- 1.7 quality points	
Poor and Unsatisfactory	
D+ 1.3 quality points D 1 quality point F 0 quality points	

The cumulative and term grade point average (GPA) is based solely on work attempted at Presbyterian College and is determined by dividing the total quality points earned by the number of semester hours attempted (grades of “W,” “I,” “S,” “U,” and “AU” are not included in this calculation).

Faculty members will report grades to the Registrar’s Office at mid-term and at the end of the term for each student and for each course in which the student is enrolled. Grades are available via BannerWeb.

Mid-term grades reported for each course shall be “S” for work equivalent to a grade of “C-” or better, “D” for work below “C-” level, and “F” for failing. For pass/fail courses, grades of “S” (satisfactory) and “U” (unsatisfactory) shall be reported. Final grades in regular courses shall be “A,” “A-,” “B+,” “B,” “B-,” “C+,” “C,” “C-,” “D+,” or “D” for work rated as passing or better; “W” if the student withdrew during the first 11 weeks of the semester; or “F” or “FA” for a failing grade if the student did not withdraw during the first 11 weeks. For pass/fail courses, grades shall be “S” for work equivalent in quality to a grade of “C-” in regular courses and “U” for work below this level.

With the exception of an incomplete grade, a grade once recorded by the Registrar shall not be changed without prior approval from the chair of the department or (upon request of the student), the Dean of Academic Programs who shall consult with the department chair and the course instructor in evaluating any grade appeal. A change in grade requested by a student must be initiated no later than the end of the fourth week of the next semester in residence unless an extension of time is ap-

proved by the Provost. Any other changes in grade must be initiated by the chair of the department or the Dean of Academic Programs, with the approval by the Provost.

Students granted a withdrawal from school or from courses before the end of the term shall be given grades of "W" as appropriate.

Incomplete Grades

A student who, for reasons beyond his or her control, is unable to complete the requirements for a course before the end of the semester shall, upon recommendation from the professor involved and approval from the Dean of Academic Programs, receive a grade of "I" (incomplete). The professor must initiate the paperwork. An "I" may be converted no later than the end of the fourth week of the next semester in residence by the completion of all required work. A grade of "I" that has not been converted within this time shall be recorded as "F" unless an extension of time is approved by the Dean of Academic Programs. A grade of "I" that has not been satisfactorily converted within one calendar year will automatically become an "F."

Repeated Coursework

A student may improve the cumulative GPA by repeating courses. Courses taken at PC must be repeated at PC in order to improve the GPA. When such action is taken, the original grade will remain on the transcript, but the number of hours passed and the quality points will count only from the last time the course is taken. If a student repeats a course and earns a lower grade than the prior grade, only the grade from the repeated course will be recognized. This may affect the student's GPA and whether graduation requirements are fulfilled. A student who fails a required course three times must successfully complete that course before he/she can take any other courses at Presbyterian College. (The student may repeat the course four, five, etc. times, but no other courses may be taken until he/she passes the repeated course.) Courses that result in a grade of "AU" or "W" will not replace the prior course grade.

Academic Standing

Satisfactory progress toward a degree is encouraged through the academic probation regulations. The minimum required cumulative grade point average increases as more hours are attempted.

Student records are evaluated at the end of each semester (fall and spring). Probation levels are based on total hours attempted at all colleges attended. Hours transferred into PC, however, are not used in computing the cumulative GPA.

Additionally, students who earn a semester GPA below 1.2 and/or earn three or more grades of "D", "F" or "I" in a semester may, at the discretion of the Academic Review Committee, be placed on academic probation or suspension.

Students who fail to meet these standards will be placed on academic probation and required to participate in appropriate academic support activities. Students who remain on academic probation for more than two consecutive terms are eligible to be suspended from the College for one semester. Students suspended at the end of the fall term may not attend the spring term. Students suspended at the end of the spring term may not attend the summer terms or the fall term. Students suspended for a second time are subject to permanent suspension.

Any student suspended under the academic probation regulations may appeal the action to the Provost, who considers each request on individual merit and the student's probability of ultimate academic success.

The student on probation or suspension will not receive academic credit for courses taken at other institutions. Students who have been suspended for any of the above reasons may apply for readmission after the period of suspension is over by submitting an application to the Academic Review Committee. The Dean of Enrollment Management will consult with the Dean of Academic Programs and the Associate Dean of Students to determine if a student is eligible for readmission to Presbyterian College. Academic standing of either good standing, probation or suspension for each completed term is reflected on a student's academic transcript.

Hours Attempted	Academic Probation Level
0-31 hours	Below 1.60 GPA
32-61 hours	Below 1.80 GPA
62 or more hours	Below 2.00 GPA

Withdrawal from an Individual Course

A student may, during the first 11 weeks in the fall and spring terms (during the first three weeks in the summer terms; for the fall 2020 semester during the first 14 weeks of the semester) withdraw from a course with a grade of “W.” After the course withdrawal deadline, in order to withdraw from an individual course for any reason other than a documented medical or psychological condition, a student must submit a written request to withdraw to an ad hoc committee comprised of the Dean of Academic Programs, Associate Dean of Students, and a faculty member of the Academic Review Committee. The written request should include evidence of an emergency or other extenuating circumstance (unforeseeable, unavoidable, uncorrectable action, condition, or event) that would prevent the student from completing course requirements. If the request is granted, the Committee informs the Provost’s Office of its decision and the course will be immediately and permanently graded with a “W” grade representing the student’s choice to withdraw. It is not possible to withdraw from a course after the term has ended.

If the Committee does not grant the student’s request to withdraw after the withdrawal deadline, but the student chooses to stop attending the individual course, it will be permanently graded with a grade of “F” or “FA” at the conclusion of the semester (or whatever grade the student had earned up to the point at which they stopped attending).

Withdrawal from the College

A student who withdraws from Presbyterian College may find that this decision can carry serious consequences. Withdrawal may affect eligibility for continued access to financial aid or student loan deferral, College-based or external scholarship programs, private health insurance, and other insurance coverage.

Students who plan to withdraw either temporarily or permanently for reasons of transfer, employment, or personal circumstances should first discuss the situation with their academic advisor and then seek advice from the Vice President for Enrollment. If the student decides to continue with the withdrawal from the College, they must fill out an electronic Withdrawal Form and complete an on-line exit survey. The purpose of this exit survey is to explore factors behind the withdrawal decision, to find out how the College can assist the student through his or her transition, and to gain feedback on the student’s experiences at Presbyterian College.

The Registrar, Financial Aid, and Enrollment offices assist students with the process of withdrawal, but it is ultimately the student’s responsibility to inform himself or herself about the overall effects of a withdrawal.

If a student withdraws from the College during a semester, the student is responsible for all non-refundable portions of their student bill.

Documented Diagnosis

A student who requests a withdrawal for medical or psychological reasons at any time must present evidence of a documented diagnosis that would prevent the student from completing course requirements. A student may be required by the College to withdraw if his or her medical or psychological condition presents a risk to themselves or others. In either case, Health or Counseling Services advises the student, the Provost’s Office, and the Dean of Students, in writing about what the student must do in order to return to the college after treatment of the medical condition. The Provost’s Office helps the student contact the Office of Financial Aid, the Business Office, Residence Life, and the Registrar. If the student is unable to complete the Withdrawal Form, the Provost or Dean of Academic Programs will complete the Withdrawal Form and inform the faculty that the student has withdrawn.

Voluntary Withdrawal

Before the Withdrawal Deadline: Students may voluntarily withdraw from the College before the course withdrawal deadline (normally the end of the 11th week of the semester) for any reason. A student who wants to withdraw voluntarily from the College before the course withdrawal deadline must complete a Withdrawal from College Form located on the college's website under Academic/Registrar/Student Forms. The Registrar's Office receives the form and notifies the appropriate parties of the withdrawal. All active courses will be immediately and permanently graded with a "W" grade representing the student's choice to withdraw, unless the Withdrawal Form was submitted prior to the end of that semester's Drop/Add deadline, in which case no grade will appear on the transcript.

After the Withdrawal Deadline but Prior to the End of the Term: After the course withdrawal deadline (normally the end of the 11th week of the semester), in order to voluntarily withdraw from the College for any reason, a student must submit a written request to withdraw to an ad hoc committee comprised of the Dean of Academic Programs, Dean of Students, and a faculty member of the Academic Review Committee. The written request should include evidence of an emergency or other extenuating circumstance (unforeseeable, unavoidable, uncorrectable action, condition, or event) that would prevent the student from completing course requirements. If the request is granted, the Committee informs the Provost's Office of its decision. The Provost's Office helps the student contact the Office of Financial Aid, the Office of Residence Life, the Business Office and the Registrar, and completes the Withdrawal Form and informs the faculty that the student has withdrawn. All active courses for which final grades have not already been posted will be immediately and permanently recorded with a "W" grade representing the student's choice to withdraw.

If the Committee does not grant the student's request to withdraw after the withdrawal deadline, but the student chooses to stop attending classes at the College, all active courses will be permanently graded with a grade of "F" or "FA" at the conclusion of the semester (or whatever grade the student had earned up to the point at which they stopped attending).

It is not possible for a student to retroactively withdraw from a prior academic term after the last day of that term. Students who have registered for future semesters must notify the College of their intent to withdraw before the end of the drop/add period. Failure to do so will result in a 10 percent tuition refund penalty.

Reinstatement of Enrollment and Readmission

All students who have been absent from the College voluntarily or involuntarily for one or more terms must apply for readmission and shall be in competition with other applicants for admission at that time. If the student has been out of residence for more than one academic year, the graduation requirements in effect at the time of re-enrollment at Presbyterian College will apply.

A student who has been away from campus for medical reasons and wishes to return to the College must demonstrate that he or she has complied with the recommendations made by Health Services or Counseling Services when the student withdrew and must have the approval of Health Services or Counseling Services to return. Health Services or Counseling Services advises the Office of Admissions in writing that the student is eligible to return.

Academic Credit Transferred from Other Colleges

If academic work taken at another college while the student is enrolled at PC is to be accepted as credit toward a PC degree, both the choice of the other college and the course to be taken must be approved in writing by completing a Transient Permission Form and submitting it to the Registrar. This includes summer school work taken at another college.

Courses passed with a grade of “C-” or better will be entered on the student’s permanent record with the hours passed but not the grade earned at the other institution. Courses with grades of pass/fail are not accepted. Hours in these courses are credited toward graduation requirements but are not used in the calculation of the student’s cumulative GPA. Hours and grades from other institutions are used in the calculations of Latin honors at graduation. This policy applies to all courses taken abroad, with the exception of the programs or courses led by Presbyterian College faculty. Students should contact Financial Aid prior to taking courses elsewhere to determine the impact on his or her Financial Aid GPA.

A maximum of eight semester hours may be earned in an approved summer term and 16 hours in an approved 10-week session at PC or elsewhere. Approved intersession terms carry a maximum of 6 hours.

Students on academic probation or suspension will not receive academic credit for courses taken at other institutions during the time of suspension or probation.

Students wishing to receive credit for courses completed at institutions outside of the U.S. (not through study abroad or a PC travel experience) must provide an official academic transcript, an official English translation of the transcript (if applicable), and an evaluation from a NACES approved translation service. In the extremely rare case that students are unable to obtain an official transcript, the College may accept a certified copy. A complete listing of NACES approved translation services can be found at www.NACES.org.

Advanced Placement Credit

Entering students who wish to receive Advanced Placement (AP) credit at Presbyterian College may do so by completing an AP course in high school and earning a minimum score on that examination by the College Board. Students seeking AP credit should have transcripts sent to the Admissions Office directly from the College Board.

College Level Examination Program Credit

Entering students who wish to receive credit by examination at Presbyterian College may do so by completing the test through a College Level Examination Program (CLEP) test center. Students seeking CLEP credit should have transcripts sent to the Admissions Office.

International Baccalaureate Diploma Programme Credit

Presbyterian College awards academic credit to students who have earned grades of five or better in their higher-level subjects in the International Baccalaureate (IB) Diploma Programme. Students seeking IB credit should have transcripts sent to the Admissions Office from the IB.

ACE and AICE (Cambridge International Exam) Credit

Presbyterian College may award academic credit from military service only after an official transcript from ACE (American Council on Education) is sent for evaluation. Credit is awarded on a case by case basis. Students participating in the Cambridge International Exam (AICE) may have their record sent to Presbyterian College for credit consideration. Advanced (A) level and (AS) level exams will be considered for credit and awarded based on the recommendation of the appropriate department chair or program director.

College Level Examination Program (CLEP) Credit			
Subject	Minimum Score	PC Equivalent	Hours Awarded
Accounting	50	ACCT 203	3
American Government	50	PLSC 202	3
Economics: Microeconomics	50	ECON 205	3
Economics: Macroeconomic	50	ECON 206	
Mathematics: Calculus	50	MATH 201	3

International Baccalaureate (IB) Diploma Programme Credit			
Subject	Minimum Score	PC Equivalent	Hours Awarded
Biology	5	BIOL 1150-1150L and 1151-1151L	8
Chemistry	5	CHEM 101-101L and 102-102L	8
English, A	5	ENGL Elective	3
French, A1 (HL)	5	FREN 1001 and 1002	8
History: European	5	HIST 1100	3
History: World	5	HIST 1101	3
Physics	5	PHYS 1500 and 1510	8
	6	PHYS 1600 and 1610	8
Psychology	5	PSYC 1001	3
Spanish, A1 (HL)	5	SPAN 1001 and 1002	8

Advanced Placement (AP) Credit

Subject	Minimum Score	PC Equivalent	Hours Awarded
Art History	4	ARTH 110	3.0
Art History	5	ARTH 110 and 120	6.0
Biology	5	BIOL 1150-1150L and BIOL 1151-1151L	8.0
Chemistry	4	CHEM 101, 101L CHEM 102, 102L	4.0 8.0
Computer Science	3 4	CSC 2205 CSC 2205 and 2255	3.0 6.0
Environmental Science	4	BIOL 2150/ENVI 2150	4.0
Economics: Microeconomics	4	ECON 205	3.0
Economics: Macroeconomics	4	ECON 206	3.0
English Language/Composition	4 or 5	ENGL 1001	3.0
English Literature/Composition	4 or 5	ENGL 1001	3.0
Both Exams	4 or 5	ENGL 1001 and 1002	6.0
Geography	3	GEOG 301	3.0
Government & Politics: United States	3	PLSC 202	3.0
History: European	4	HIST 2401	3.0
History: United States	4	HIST 2200 or HIST 2201	3.0
History: World History	5	HIST 2200 and HIST 2201	6.0
	4	HIST 1101	3.0
Foreign Languages:	3	102/1002 (except Latin)	4.0
French, German, Latin, Portuguese, Spanish	4	102/1002 and 201/2001	7.0
	5	102/1002, 201/2001 and 202/2002	10.0
Mathematics: Calculus AB	3	MATH 201	3.0
Mathematics: Calculus BC	3	MATH 201 and 202	6.0
	5	MATH 201, 202, and 301* *Subject to consultation with Math Department	9.0
Music, Listen: Literature	4	MUSC 1100	3.0
Music: Theory	4	MUSC 1201	3.0
Physics 1	4	PHYS 1500	4.0
Physics 2	4	PHYS 1500	4.0
Physics 1 and 2	4	PHYS 1500 and PHYS 1510	8.0
Physics C (Mechanics)	4	PHYS 1500 or PHYS 1600	4.0
Physics C (Electricity or Magnetism)	4	PHYS 1510 or PHYS 1610	4.0
Psychology	3	PSYC 1001	3.0
Statistics	4	MATH 120	3.0

Residence Requirements

Candidates for a Presbyterian College degree must earn a minimum of 48 semester hours while regularly enrolled at the College and must include the last 24 semester hours earned. In addition, students are required to complete at least half of their major and minor work in residence at PC. All transfer work is added to the PC transcript and indicates where and when the course(s) were taken. Students who lack no more than two courses to complete the requirements may, however, upon approval from the Provost and the major adviser (where courses are in the major field), complete such requirements at another regionally accredited four-year institution. An exception to this rule also may be allowed by the Provost when courses necessary for graduation are not currently offered at Presbyterian College.

Application for Graduation

Students nearing completion of their degree must complete an Application for Undergraduate Graduation. Deadlines are set and distributed by the Registrar. Failure to meet the stated deadline may result in a delay in time of graduation. Applications, and supporting documentation, must be approved by the student's adviser prior to submission. Degrees are conferred three times a year - May, August, and December. Students are solely responsible for monitoring the accuracy of their DegreeWorks record. Any applications submitted after the stated deadline will be assessed a \$50 late fee.

Graduation Requirements

It is the student's responsibility to ensure that all requirements for graduation have been completed. This includes, but is not limited to, completion of required courses, attaining a minimum cumulative GPA of 2.0, attaining a minimum cumulative GPA of 2.0 in all courses used to complete the general education requirements, and attaining a minimum GPA of 2.0 in major coursework. Students completing degree requirements during the spring term are required to participate in Commencement events.

Requirements for Delayed Graduation

Students who maintain continuous enrollment but fail to graduate with their entering class will remain subject to the general education graduation requirements of that class and must fulfill the major requirements applicable at the time the major is declared.

If a student has not maintained continuous enrollment and has been out of residence for more than one academic year, the graduation requirements in effect at the time of re-enrollment at Presbyterian College will apply.

Academic Honors

Latin Honors: Students who earn a minimum of 60 semester hours of credit here and have a cumulative GPA of at least 3.75 on all courses taken at PC and elsewhere are graduated *summa cum laude*; those with 3.60 but less than 3.75, *magna cum laude*; and those who average 3.30 but less than 3.60, *cum laude*. Grades earned at other institutions are used in this calculation.

Dean's and President's Lists: Students enrolled in 12 or more hours for graded credit with no grades of "I" or "U" for the fall or spring term are included on the Dean's List with a GPA of 3.30 or better. Students with a 4.00 GPA are included on the President's List.

Departmental Honors: Students with a 3.20 GPA in all courses and a 3.40 GPA in all courses in the major field may, with approval from departmental faculty, undertake an honors research program during the junior and/or senior years. This pro-

gram must include a senior thesis or project of exceptional quality and an oral defense of the paper or project before department members. This defense is to be open to the College community, and honors students will participate in all other defenses within their discipline. Students who successfully complete the departmental honors research program will graduate “with honors” in the major field.

Anticipated Graduates

Students will be allowed to “march” at commencement if they are two courses (maximum of eight hours) short of the graduation requirements, provided that they have met all other requirements for graduation. Degrees will not be conveyed and diplomas will not be awarded until the end of the academic term (August, December, or May) in which the student completes all requirements for graduation.

Academic Support Services

Communication

The student email system provided by Presbyterian College is the primary tool for official communication from the College to students. The College retains the right to send official messages to students at electronic mail addresses provided by the College, and the College expects students to both receive regularly and review and respond as appropriate to those messages.

Library

The library program is conceived as an integral part of the educational process. It operates on the assumption that the ability to locate and evaluate needed information with confidence is one of the distinctive marks of an educated person. By means of formal and informal instruction in research methods and bibliography, the student is encouraged to progress from heavy reliance on textbooks and assigned readings characteristic of the freshman to the independent work of the graduate scholar who has learned how to discover and gain maximum benefit from modern information resources.

Library policies are established to ensure all borrowers have an equal opportunity to use and enjoy the library’s resources and facilities; they do so by indicating appropriate use of the library’s resources and facilities and specifying the consequences of inappropriate use. The right of each individual to good library service depends in large measure upon a willingness to respect the rights of others.

Media Center

The staff of the Media Center is available to assist students in the areas of audio and video production from pre-production to post production of final programs, graphic design, and output as simple as printing, copying, and binding of reports to large format design and color output of research posters. Presentation design and presentation equipment is available through mobile equipment checkout services.

Office of Career and Professional Development

The Office of Career and Professional Development is a resource for students as they explore how their academic and vocational interests intersect. The philosophy of the staff is to help the students help themselves. Career exploration is a developmental process that begins during the first semester on campus. The office and staff provide opportunities for students to learn more about themselves through self-assessment, participation in an internship, and comparison of various educational and career paths. Students can then use this information to make thoughtful and appropriate decisions for their future.

Office of International Programs

Students are encouraged to learn the languages, cultures, and customs of other nations and to deepen their understanding of world affairs. To introduce students to diverse cultures and a wider world, the College encourages its students to study abroad. The Office of International Programs maintains a list of more than 30 approved semester and year-long programs of academic study in over 20 countries. The programs are regularly evaluated and monitored by faculty in order to ensure high academic quality and immersion in host cultures. Students attending these programs receive PC credits.

The Office of International Programs conducts extensive advising activities, guiding students through the process of identifying programs that fit personal and academic goals, consulting with PC faculty to obtain course approval, applying, and other aspects of off-campus study. Group and individual advising sessions take place every week. The Office provides mandatory pre-departure orientation meetings for all students going off campus, and continuous registration at PC.

PC maintains formal exchange agreements with universities in countries such as Australia, China, France, Germany, Ireland, Japan, Mexico, and the United Kingdom.

Requirements: Good standing, and a minimum GPA of at least 2.5. Any student with less than this and who believes, for good reason, that extenuating circumstances exist may appeal to the committee on the standing of students for an exception to this rule before leaving to study abroad.

Applications: Students who receive PC academic credit for an off-campus program must submit an application through the Office of International Programs. Applicants are required to consult with academic advisers, have courses approved by departments, and have recommendations by faculty.

Fees & Financial Aid: PC endeavors to make off-campus study available to all students. Financial aid, as determined by the Financial Aid Office, continues when the students study abroad. PC requires the payment of PC's tuition, room, and in some cases board. PC charges a nominal administrative fee of \$300 for participation in an off-campus program. Students are responsible for airfare and any personal expenses.

Foreign Language: Students are encouraged to study in the language of their program country, which typically requires four semesters of college-level language study. PC also has approved programs where students may learn the host language while taking other courses in English.

Academic Credit: Academic credit is given for programs approved by PC faculty only. Students must receive a "C-" or better for credit to transfer. Grades earned on semester and year programs do not count toward the student's cumulative GPA.

Writing Center

In the Presbyterian College Writing Center, tutors consult one-on-one with students on writing assignments for any class. Students make appointments at any point in the process of writing papers, from brainstorming ideas to editing a final draft. A tutor's approach includes asking questions as readers, suggesting strategies for organization or developing ideas, using resources to work on integrating and citing sources, and explaining grammar and punctuation so that students learn to recognize and correct errors. Writers are actively involved in the conference. The Writing Center works closely with freshmen as they adjust to the demands of college writing, and students at all levels and in all disciplines continue to use the Writing Center to improve their writing.

Online Education Policies

Verification of Student Identity, Protection of Student Privacy, and Additional Student Charges

Presbyterian College values safety, integrity, security and cost transparency in its online learning environments.

1. Verification of Student Identity. Most online classes at PC are delivered through Brightspace, a platform students access through the College's secure login portal. Any course offered by alternative means (such as on a proprietary textbook publisher's website) must also require the use of a unique user name and password available only to course enrollees.
2. Student privacy in online courses is protected by the Family Educational Rights and Privacy Act (FERPA). PC faculty are regularly updated on FERPA requirements. See information below about how FERPA applies to a student's college records. For more information, also see <https://www.presby.edu/academics/registrar/student-resources/ferpa/>.
3. Additional Student Charges. Instructors have the option of requiring students to take proctored exams at testing centers or through online proctoring services. Students will be notified before the class begins whether they will be required to use and pay for proctoring. Online courses that have proctoring charges will be identified with the following notice in the Banner registration system: "Online courses that require proctored exams or other means of verifying identity may require additional fees." Instructors who require the use of online proctoring services or testing centers also must include this requirement in their course syllabus.

The Family Educational Rights and Privacy Act (FERPA) of 1974

Directory Information

The College has designated certain information contained in a student's educational record as directory information pursuant to the Family Educational Rights and Privacy Act (FERPA). Directory information at Presbyterian College consists of:

- Student's full name
- Addresses (campus, permanent, email)
- Telephone numbers
- Major field of study
- Photograph
- Participation in officially recognized activities/sports
- Weight and height (for members of athletic teams)
- Dates of attendance
- Classification
- Degree(s) and awards/honors received

This information may be disclosed by the College for any purpose deemed as legitimate without the consent of a student.

However, a student has the right to refuse the disclosure of this information. For more information or to request that information not be disclosed, a student must complete the required form in the Registrar's Office.

Student Records

Presbyterian College maintains different types of records: admissions, academic, financial, disciplinary, health, etc. The College adheres to records maintenance guidelines as set forth by the American Association of Collegiate Registrars and Admissions Officers (AACRAO). The following records that are maintained in the Provost's Office, the Registrar's Office and the Academic Success Office are considered confidential student records:

- **Active Academic Records:** Those academic records retained by the Registrar's Office and required by the Provost's Office to account for the enrolled student's academic performance and status, including records maintained by instructors.
- **Inactive Academic Records:** Those records retained by the Registrar's Office that pertain to the academic performance of persons no longer enrolled at Presbyterian College.
- **Records Pertaining to Academic Accommodations:** Those records retained by the Academic Success Office that pertain to students' requests for and award of academic accommodations.
- **Records Related to Violations or Potential Violations of the Honor Code:** Those records retained by the Provost's Office that pertain to violations or potential violations of the Honor Code as it relates to academics.

Access to Confidential Information

It is the policy of the College that information contained in official student records will not be released to the parent(s) or guardian(s) without the consent of the student unless the student is a valid dependent of the parent(s) or guardian(s).

Students are allowed access to their official records to ensure that information contained therein is not inaccurate, misleading, or otherwise in violation of their rights or privacy. A student who wishes to review his/ her record will make a request directly to the Registrar for academic records or to the Provost for records pertaining to academic accommodations or Honor Code violations. Such requests should be made 24 hours in advance to the respective official.

The Curriculum

Through its liberal arts curriculum, the academic program of Presbyterian College seeks to develop in students the capacity of understanding, the intellectual curiosity, and the strength of character necessary for leadership and service in today's world.

Effort is first directed toward giving a general comprehension of our intellectual, scientific, and religious heritage—and the modern relationships among these forces—after which students intensify their study in specialized fields. The curriculum combines traditional work with innovative educational programs that occur both on campus and off campus.

Small classes give increased personal attention and greater opportunity for self-expression on the part of all students. Presbyterian College is small enough to make the leading professors of the various departments available to all students; thus, the benefit of their wide knowledge and experience can be shared, in close association, by each individual in laboratory, classroom, and library work.

Presbyterian College offers programs of study that lead to the Bachelor of Arts and Bachelor of Science degrees in the College of Arts and Sciences.

The curriculum is designed to bring to the student a broad awareness and understanding of the worlds of nature, of society, and of self and to prepare the student for a productive life. Toward this end, the College divides its courses of study into three parts: general education, study in specialized fields, and electives.

Students normally complete the general education requirements during the freshman and sophomore years. These requirements offer a broad understanding of our intellectual and religious heritage—the ideas and ideals that have made our civilization distinctive, the methods of study and analysis of the natural sciences and mathematics, and the eternal principles of the Christian religion. Transfer students should complete general education requirements as soon as possible.

The academic major gives the student intensive work in the chosen field of specialization, usually during the junior and senior years.

The program of electives allows the student to pursue a second field of specialization or to broaden the academic background by choosing a variety of courses from a number of fields.

Requirements for the Degree

The basic requirements for a bachelor's degree from Presbyterian College are:

- **Successful completion of the required general education courses**
- **Completion of the requirements for an academic major**
- **Successful completion of 122 semester hours** of college-level work with a minimum of 48 hours successfully completed at Presbyterian College (NOTE: credit-hour requirements in some majors may increase required hours to more than 122 for these areas of study)
- **Completion of all academic work with 2.00 cumulative grade point average (GPA)**
- **Completion of all courses used to complete the general education requirements with a 2.00 cumulative GPA**
- **Completion of all major requirements with a 2.00 cumulative GPA**

General Education

The curriculum includes a group of courses that are required of all students as prerequisite to the degrees conferred by Presbyterian College. It includes courses designed specifically for freshmen or new students and courses to broaden students' intercultural education as well as work in English composition and literature, fine arts, history, mathematics, natural sciences, religion, foreign languages, and social sciences.

The goals of the general education program are as follows:

1. **Students will demonstrate the ability to think critically and creatively.**
 - a. Identify an issue or problem and a plausible research question it may raise.
 - b. Locate, retrieve, recognize and summarize relevant evidence and data.
 - c. Analyze and evaluate the facts, presumptions, viewpoints, values, and arguments, including biases and limits, as

- well as problems and inconsistencies in proposed solutions.
- d. Create well-reasoned solutions or conclusions including their ethical implications.
- 2. Students will demonstrate knowledge of human culture and the natural world through study in the natural sciences and mathematics, social and behavioral sciences, humanities, and fine arts.**
- a. Natural Sciences and Mathematics
- i. Natural Sciences
1. Demonstrate knowledge of a range of core concepts, theoretical underpinning and empirical findings of the natural world.
 2. Conduct experimental investigations using quantitative measurement and analysis techniques to interpret the natural world according to the scientific method.
- ii. Mathematics
1. Model problems by using the precise language of mathematics and by applying problem-solving skills and multiple strategies for obtaining specific and theoretical solutions.
- b. Social and Behavioral Sciences
- i. Demonstrate knowledge of the core concepts, theoretical underpinning, historical trends within the field, and empirical findings of a social science.
 - ii. Use empirical data and scientific methodologies to understand the human world.
- c. Humanities and Fine Arts
- i. History
1. Understand, within their historical, global, and interdisciplinary contexts, the origins and progress of cultures and civilizations from the ancient to the modern eras.
 2. Interpret, within their historical, global, and interdisciplinary contexts, the origins and progress of cultures and civilizations from the ancient to the modern eras.
- ii. Modern Languages
1. Demonstrate foreign language literacy (including writing, reading, speaking, and cultural competency).
- iii. Literature
1. Analyze themes and genres across a variety of literary texts.
- iv. Religion and Philosophy
1. Recognize the presence and diversity of religion in our society and world, appreciate its historical and ongoing significance, and examine Christian faith in this context.
 2. Understand how classic texts in religion and philosophy probe the meaning and depth of human life and ethical responsibility.
- v. Fine Arts
1. Evaluate artistic experiences.
 2. Understand the contribution of the arts to the human experience.
- 3. Students will be able to communicate effectively.**
- a. Convey complex ideas and information in written form.
 - b. Convey complex ideas and information in oral form.
 - c. Convey complex ideas and information in an artistic form.
- 4. Students will understand the complex nature of the global community.**
- a. Understand intercultural relationships within a global context.
 - b. Understand influences on the development of world cultures.
 - c. Recognize intercultural differences in artistic expression.
 - d. Appreciate the importance of responsible democratic citizenship.
- 5. Students will value the role of physical fitness and wellness as these contribute to lifelong health.**
- a. Understand the benefits of physical activity and its effect on intellectual, emotional, and physical well-being.
 - b. Engage in a physically active lifestyle.

The general education requirements are the same for both the Bachelor of Arts and the Bachelor of Science degrees. A normal range of credit hours for general education requirements is 43-52 hours, with credit hours in the major field ranging from 30-65 hours. No course may fulfill more than one general education requirement. The minimum requirements in general education are as follows:

First-Year Exploration (1 hour)

COLS 1000 (1 hour)

All students must complete a one-hour First-Year Exploration course. The FYE course is required for all first-year students, including transfer students who do not have transferable credit for an equivalent similar course taken at another accredited institution. Topics vary across sections.

Upon successful completion of COLS 1000, students will be able to:

1. Describe and value the mission of Presbyterian College
 - a. Describe the College's Mission Statement and its guiding principles
 - b. Value the benefits of an integrated liberal arts education
 - c. Recognize the importance of diversity and cultural competency
2. Initiate a process of self-exploration related to vocation and calling
 - a. Define and explain the differences between vocation, calling, career, and work
 - b. Identify, assess, and communicate their personal and professional interests, values, skills and goals
 - c. Identify potential academic and vocational pathways that enhance their personal and professional interests, values, skills, and goals
3. Identify and utilize appropriate campus resources and strategies that contribute to academic success
 - a. Identify and use library resources to find appropriate scholarly materials
 - b. Define plagiarism and explain appropriate techniques to ensure academic integrity
 - c. Apply appropriate time management and study skills to coursework and other learning experiences

Second-Year Exploration (1 hour)

COLS 2200 (1 hour)

Designed for sophomore students, this course will introduce students to problem-solving and decision-making strategies, while continuing to connect their exploration of personal and professional interests, values and skills with their academic, professional and vocational training. (Spring).

Upon successful completion of this course, students will be able to:

1. Identify, analyze, and manage a complex problem
 - a. Identify and define a problem, puzzle, or contested question
 - b. Retrieve and analyze data, information, or evidence to identify multiple approaches to manage / resolve the problem, puzzle, or contested question
 - c. Create and implement a plan to manage / resolve the problem, puzzle, or contested question
 - d. Evaluate the results in relation to the problem-management process
2. Build collaborative relationships and intercultural fluency
 - a. Recognize and evaluate conflicting perspectives
 - b. Communicate effectively with individuals from diverse backgrounds
3. Connect self-exploration with academics and vocation
 - a. Synthesize connections between classroom experiences and experiences outside of the formal classroom
 - b. Evaluate and critique their decisions related to major exploration, academic behaviors, and future vocational plans
 - c. Apply the problem-solving process to their own vocational and career planning

Intercultural/Internship Experience (4-6 hours): All students must fulfill an intercultural or internship requirement by studying abroad, completing coursework that provides an intercultural perspective, and/or completing a practicum experience that focuses on enhancing learning through internship opportunities. This experience will enable students to become more appreciative of the interconnectedness of the global community and the important issues that confront the human condition. By completing a four- to six-credit hour program, a student will:

- Incorporate his or her academic learning with a supervised experience outside the traditional classroom (internship, study abroad, or research).
- Demonstrate transferable skills such as communication, critical thinking, adaptability, organization, and the ability to relate to others.
- Develop an appreciation for learning and prepare for a lifetime of personal and vocational fulfillment and responsible contribution to our democratic society and the world community.
- Gain self-awareness and respect for perspectives, communities, and value systems other than his or her own. To satisfy this requirement, a student will earn four to six credit hours through intercultural or internship courses.

These hours may be met within the major requirements. A student may choose from (1) a combination of classroom and experiential courses or (2) a study abroad or an extensive internship experience.

A student may select one option from 1A and one from 1B for a total of four to six hours:

1A: Coursework (3 hours)

- A global studies or intercultural course, not otherwise part of the general education requirements. Options include: AFST 201; ARTH 320; BADM 308, 347; ECON 318, 320, 326, 341, 350; EDUC 210, 397; ENGL 2205, 2206, 2207, 2208, 3362, 3371, 3380, 3520; HIST 2300, 2301, 3610, 3611, 3251, 3252, 3612, 3613, 3615, 3616, 3617, 3618, 3640, 3641, 3642; LAST 335; MUSC 1151; PHIL 361; PLSC 301, 331, 332, 341, 342, 350, 352, 361, 362, 370, 380, 387; RELG 220, 310, 356; SOC 310, 360, 362, 364, 370; SOST 2001; THEA 2103, or 2104; or WGST 2255
- Any modern foreign language course of three or more credit hours beyond the first semester of the intermediate level
- Another course suggested by an academic department and approved by the Curriculum Committee and the Provost

1B: Experiential (1-3 hours)

- An approved off-campus travel experience of less than one semester's duration
- One approved internship or practicum earning between one and three credit hours
- One approved research internship earning between one and three credit hours
- Another experiential course suggested by an academic department and approved by the Curriculum Committee and the Provost

Or, a student may select from one of the following:

2: Study Abroad or Internship Experience (4-6 hours)

- An approved study abroad experience of at least one semester's duration
- One approved internship earning between four and six credit hours
- An approved off-campus travel course or program earning at least four credit hours that specifically addresses intercultural or global issues
- Significant field experience earning between four and six credit hours (e.g., substantial service learning project) certified by a faculty supervisor, the Associate Dean of Students and Dean of Career and Professional Development, and the Director of International Programs, and approved by the Provost.

Humanities (21-28 hours):

English (6 hours):	ENGL 1001 ENGL 1002
Fine Arts (3 hours):	ART 101, 110, 120, 246, 274; ARTH 110, 120; MUSC 1100, 1101, or THEA 1000
Foreign Language (0-7 hours):	CHIN 101, 102, 201
* Requirement is 201/2001	FREN 1001, 1002, 2001 or 1051, 2001 SPAN 1001, 1002, 2001 or 1051, 2001

Foreign Language may also be completed through PC's Greek sequence through 401 for a total of nine hours or by transfer of course-work through the first semester of the intermediate level from a regionally accredited institution in any other language approved by the department.

An international student whose native language is French or Spanish who has graduated from secondary school in their native country may not receive academic credit for French or Spanish language courses (1001-3002, excepting 4000). An "international student" is defined as a student who has entered the U.S. under the F-1 or J-1 student visa category. International students may enroll in any 3000- or 4000-level literature or civilization course offered in their native language.

A bilingual student, who speaks English + French and/or Spanish, who has not completed secondary school in a French- or Spanish-speaking country may enroll for academic credit in a French or Spanish language class (1001-2001), depending on their level of preparation in writing, reading, speaking, and listening comprehension, to be determined in consultation with French or Spanish faculty. Bilingual students wishing to validate foreign language skills in languages other than French or Spanish should contact the chair of the Modern Foreign Languages Department. If a qualified evaluator in the second language is available at the College, proficiency testing will take place on campus. If no qualified evaluator is available at the College, the student may choose to be assessed off-campus by an accredited, third-party Language Testing Center, at the expense of the student. Associated fees for oral and written testing are approximately \$300. Certification of proficiency at the Intermediate Level in Oral and Written Skills fulfills the College's General Education Foreign Language Requirement and validates credit, without the awarding of academic credit hours.

History (6 hours):	HIST 1100 HIST 1101
Religion (6 hours):	RELG 200 One course from the following: PHIL 301, 304, 309, 333; RELG 203, 210, 212, 215, RELG/WGST 202

Social Sciences (6 hours):

BADM 371
ECON 205 or 206
EDUC 201 or 202
GEOG 301 or 302
PLSC 201 or 202
PSYC 1001
SOC 201 or 207

All students must satisfactorily complete a minimum of six semester hours chosen from two departments. Students electing to major in a social sciences discipline may count a general education course toward the major if a department lists the course as a major course.

Natural Sciences and Mathematics (11 hours):

Science (8 hours):	BIOL 1000, 1150-1150L, or 1151-1151L CHEM 100, 101-101L, 102-102L PHYS 1000, 1100, 1500, 1510, 1600 or 1610
Mathematics (3 hours):	MATH 110, 120, 199, 201, 202, 210, or 221

Majors

Requirements for a Major

A candidate for the Bachelor of Arts (B.A.) degree will satisfactorily complete a program of study approved by a department in one of the following:

Bachelor of Arts	
Art	Music
Art - Art History Concentration	Political Science
English	Religion and Philosophy
English - Creative Writing Concentration	Religion and Philosophy-Religious Studies Concentration
English – Communication Studies Concentration	Religion and Philosophy-Christian Studies Concentration
French	Religion and Philosophy-Philosophy Concentration
History	Religion-Leadership, Service and Ministry
International Studies	Spanish
Modern Foreign Languages	

A candidate for the Bachelor of Science (B.S.) degree will satisfactorily complete a program of study approved by a department in one of the following:

Bachelor of Science	
Biochemistry	Education – Early Childhood
Biology	Education – Elementary
Biology-Forestry/Environmental Mgt	Education – Middle School - Language Arts
Biology-Pharmacy Concentration	Education – Middle School - Mathematics
Business Administration-Accounting	Education – Middle School - Science
Business Administration-Data Analytics	Education – Middle School - Social Studies
Business Administration-Management	Education - Special Education
Business Administration-Marketing	Mathematics
Chemistry	Medical Physics
Chemistry-Pharmacy Concentration	Physics
Computation Biology	Physics – Dual Degree Engineering
Computer Science	Psychology
Economics	Sociology

During the junior and senior years, each student is expected to pursue a program of intensive study in an area of concentration. The field of principal interest should be selected before the junior year. Students are responsible for developing the remainder of their academic programs with the counsel of an adviser in their major department.

All students are required to declare their major with the Registrar no later than the end of the first semester of the junior year. Any substitutions to the requirements of a student's major program of study must be approved by the Provost prior to completion of the amended requirement.

All students must complete a one-to-three semester hour capstone for each major program of study. Courses completed through the College's CIC consortial agreement with Acadeum can be counted toward this requirement. Capstone courses may be taught in a single discipline or as an interdisciplinary experience.

A minimum of one-half of the hours required for a major must be taken at Presbyterian College. Courses in the student's major field must be passed with a minimum grade of "C-." One grade of "D" or "D+" in major work may be allowed but no "F" will be allowed in required work in the major department. However, each department may designate up to two courses in which students must attain a grade of "C." Students must attain an overall GPA of 2.00 or better on all work presented for the major.

A second major or a minor in another field of study may be obtained by successfully completing the courses prescribed by the department of the second major or minor. However, a student may not add an additional program of study to his/ her degree after the first degree has been awarded. If a student has satisfied all bachelors degree requirements, including at least one major, then their degree will be conferred, upon recommendation of the Provost, even if they have an incomplete minor or concentration.

A student selecting two majors with the completion of 122 hours is awarded only one degree and must select either the B.A. or the B.S. For example, a student who wishes to major in English (normally a B.A. degree) and in biology (a B.S. degree) will receive one degree with the two majors.

A candidate who already holds a Presbyterian College degree or who is working simultaneously for two bachelor's degrees shall earn a minimum of 152 semester hours with a 2.00 GPA.

A candidate who holds a bachelor's degree from another institution must satisfy the residence requirements for the PC degree as well as the academic requirements that include general education and those for the major.

Art

Professors: Mark R. Anderson (Chair-Fall), Laura J. Crary (Chair-Spring), Ralph H. Paquin

Requirements for the Major in Art

Courses required for major	S.H.	Courses required for major	S.H.
ART 110 Studio Foundations: Drawing	3	Select 6 hours from the following:	
ART 120 Studio Foundations: 2-D	3	ARTH 240 Art in Europe, 1850-1950	3
ART 122 Studio Foundations: 3-D	3	ARTH 245 Art in United States, 1900-Present	3
ART 391 Junior Project	3	ARTH 246 African-Amer. Art & Culture	3
ART 392 Junior Seminar	3	ARTH 257 Gender and Art	3
ART 491 Senior Seminar	3	ARTH 310 Modern Art Theory & Criticism	3
ART 492 Senior Show	3	ARTH 311 Word and Image	3
ARTH 110 Survey of Western Art I	3	ARTH 320 Topics in Latin American Art	3
ARTH 120 Survey of Western Art II	3	ARTH 410 Contemp. Art: Theory/ Practices	3
Select 12 hours of Art electives from the following:			
ART 230 Painting I	3		
ART 240 Sculpture	3		
ART 242 Ceramics I	3		
ART 246 Furniture Design & Woodworking	3		
ART 260 Printmaking I	3		
ART 262 Printmaking II	3		
ART 310 Life Drawing	3		
ART 336 Painting II	3		
		Total Hours Required	42

Note: The department reserves the right to retain at least one example of a student's work for its permanent exhibitions, with student's approval.

Requirements for the Major in Art with Art History Concentration

Courses required for major	S.H.	Courses required for major	S.H.
ARTH 110 Survey of Western Art I	3		
ARTH 120 Survey of Western Art II	3	Select 6 hours of Art electives from the following:	
ARTH 401 Art History Capstone	1	ART 110 Studio Foundations: Drawing	3
		ART 120 Studio Foundations: 2D Design	3
Select 21 hours of Art History electives from the following:		ART 122 Studio Foundations: 3D Design	3
ARTH 210 Medieval Art and Architecture	3	ART 230 Painting I	3
ARTH 220 Art in Italy, 1400-1700	3	ART 240 Sculpture	3
ARTH 230 Art in Europe, 1700-1850	3	ART 242 Ceramics I	3
ARTH 240 Art in Europe, 1850-1950	3	ART 260 Printmaking I	3
ARTH 245 Art in the United States, 1900 to Present	3	ART 274 Intro to Digital Photography	3
ARTH 246 African-Amer. Art & Culture	3	ART 280 Art for the Child	3
ARTH 257 Gender and Art	3	ART 310 Life Drawing	3
ARTH 258 Special Topic in Art History	3		
ARTH 310 Modern Art Theory and Criticism	3		
ARTH 311 Word and Image	3		
ARTH 320 Topics in Latin American Art	3		
ARTH 330 Film and Film Criticism	3		
ARTH 410 Contemporary Art: Theory and Practices	3		
ARTH 458 Special Topic in Art History	3		
		Total Hours Required	34

Note: The department reserves the right to retain at least one example of a student's work for its permanent exhibitions, with student's approval.

Biochemistry

Professors: Latha A. Gearheart, Stuart G. Gordon, Ronald J.C. Zimmerman

Associate Professor: Evelyn J. Swain (Director)

Requirements for the Major in Biochemistry

Courses required for major	S.H.	Courses required for major	S.H.
BCHE 307-307L Biochemistry I	3,1	Select 1 course from below:	
BCHE 308 Biochemistry II	4	BIOL 2090 Cell Biology	4
BCHE/BIOL 3210 Molecular Biology	4	BIOL/ENVI 3040 Developmental Biology	4
³ BIOL 1150-1150L Biological Concepts	3,1	BIOL 3060 Microbiology	4
³ BIOL 1151-1151L Organismal Biology	3,1	BIOL 3110-3110L Physiology	3,1
BIOL 2340 Genetics	4	BIOL 3120 Plant Physiology	4
CHEM 101-101L General Chemistry I	3,1	BIOL 3180 Immunology	4
⁴ CHEM 102-102L General Chemistry II	3,1	¹ BIOL 4009 Special Topics	3
CHEM 221-221L Organic Chemistry I	3,1	CHEM 312 Instrumental Analysis	4
CHEM 222-222L Organic Chemistry II	3,1	CHEM 332 Advanced Organic Chemistry	5
CHEM 311 Quantitative Analysis	4	CHEM 342 Spectroscopy	4
CHEM 380 Introduction to Research	1	CHEM 345 Forensic Science	3
CHEM 401-401L Physical Chemistry I	3,1	CHEM 352 Chemistry and Art	4
CHEM 450 Seminar/Capstone	1	² CHEM 402-402L Physical Chemistry II	3,1
MATH 201 Calculus I	3	¹ CHEM 458 Special Topics	3
MATH 202 Calculus II	3		
PHYS 1500 General Physics I OR PHYS 1600 Physics I with Calculus	4	Research (Each project requires directors' approval)	
PHYS 1510 General Physics II OR PHYS 1610 Physics II with Calculus	4	BIOL 4003, 4007, 4008, or CHEM 398, 440, 4441, or 448	0-2
		Total Hours Required	67-71

¹Requires departmental approval.

²Students planning to attend graduate school in Biochemistry or Chemistry should take CHEM 402-402L.

³All students should take BIOL 1151-1151L. A grade of 'C' or higher in BIOL 1151-1151L or its approved equivalent is required to enroll in any upper division biology course.

⁴All students must complete the American Chemical Society General Chemistry Exam with a grade of 60% or higher to receive credit for Chemistry 102.

Biology

Professors: Stuart G. Gordon (Chair), Michael O. Rischbieter, James T. Wetzell, Ronald J.C. Zimmerman

Associate Professor: Austin Y. Shull

Assistant Professor: Marharyta Petukh

Requirements for the Major in Biology

Courses required for major	S.H.	Courses required for major	S.H.
1. BIOLOGY CORE COURSES:		3. BIOLOGY ELECTIVES	
BIOL 1150, 1150L Biological Concepts	3,1	² BIOL Elective	3-4
¹ BIOL 1151, 1151L Organismal Biology	3,1	² BIOL Elective	3-4
BIOL 2002 Seminar in Biological Primary Lit I	1	² BIOL Elective	3-4
BIOL 2340 Genetics	4		
BIOL 3990 Scientific Writing & Presentation	2		
⁴ BIOL 4010 Senior Seminar	3	4. REQUIRED RELATED COURSES	
		CHEM 101, 101L General Chemistry I	3,1
2. BIOLOGY AREA COURSES (select 1 from each subcategory)		CHEM 102, 102L General Chemistry II	3,1
		³ CHEM 221, 221L Organic Chemistry I	3,1
A. CELL/MOLECULAR BIOLOGY		³ PHYS 1500 General Physics I	4
BIOL 2090 Cell Biology	4		
BIOL/ENVI 3040 Developmental Biology	4		
BCHE/BIOL 3210 Molecular Biology	4		
B. EVOLUTION/ECOLOGY		5. REQUIRED MATH OR STATISTICS (select 1 course)	
BIOL 2120 Evolution	4	MATH 199 Calculus for Social/Bio Sciences	3
BIOL/ENVI 3140 Ecology	4	MATH 120 Introductory Statistics	3
BIOL 3200 Paleontology	4	MATH 201 Calculus I & Analytic Geometry	3
		MATH 210 Data Analysis & Stat Computing I	3
C. PLANT BIOLOGY		STAT 319 Business Statistics	4
BIOL/ENVI 2030 Introductory Botany	4		
BIOL/ENVI 2060 Plant Systematics	4		
BIOL 3120 Plant Physiology	4		
		Total Hours Required	58-62

¹ A grade of 'C-' or higher in BIOL 1151-1151L or its approved equivalent is required to enroll in any upper division biology course.

² If the BIOL elective is taught with an accompanying lab, the lab must be taken with the course to fulfill the elective requirement. Special Projects, Honors Research, Readings, Directed Studies, Internships, and Research cannot count as BIOL electives. Only one travel course may count as a BIOL elective.

³ CHEM 222/222L, Organic Chemistry II, and PHYS 1510, General Physics II, are strongly advised for pre-professional and pre-graduate school students (may be required for some programs).

⁴ BIOL 4003 may be used to satisfy the Capstone with permission of the department.

Requirements for the Major in Biology: Forestry/Environmental Management Concentration (Dual Degree with Duke University)

Students participating in this program will be expected to complete all Presbyterian College general education requirements while in residence. Students pursuing the 3 + 2 degree must declare this interest to the PC coordinator early in the freshman year in order to arrange the classes needed to qualify for the program. Students will complete a minimum of 88 hours of credit at PC and, following successful completion of the first year of the Master of Forestry (MF) or Master of Environmental Management (MEM) at Duke University, will be awarded a BS degree from Presbyterian College. Students must apply and be accepted to Duke University.

Courses required for major	S.H.	Courses required for major	S.H.
1. BIOLOGY CORE COURSES:		3. REQUIRED RELATED COURSES	
BIOL 1150, 1150L Biological Concepts	3,1	CHEM 101, 101L General Chemistry I	3,1
¹ BIOL 1151, 1151L Organismal Biology	3,1	CHEM 102, 102L General Chemistry II	3,1
BIOL 2002 Seminar in Biological Primary Lit I	1	² CHEM 221, 221L Organic Chemistry I	3,1
BIOL 2340 Genetics	4	² PHYS 1500 General Physics I	4
BIOL 3990 Scientific Writing & Presentation	2		
BIOL Elective (excluding 4007)	3-4	4. MATH required courses (6 hours)	
		MATH 199 Calculus for Social/Bio Sciences OR MATH 201 Calculus I & Analytic Geometry	3
2. BIOLOGY AREA COURSES (select 1 from each subcategory)		MATH 120 Introductory Statistics OR MATH 210 Data Analysis/Stat Computing I	3
CELL/MOLECULAR select one from:			
BCHE 307/307L, 308, BCHE/BIOL 3210, BIOL 2090, 3180	4	NOTE: Depending on the intended concentration of your Masters at Duke, BIOL 3140 (Ecology) and/or ECON 205 (Principles of Microeconomics) may be required. Consult your advisor to determine whether you need these courses.	
EVOLUTION/ECOLOGY select one from:			
BIOL/ENVI 2030, 2060, BIOL 3120	4		
PLANT BIOLOGY select one from:			
BIOL/ENVI 2030, 2060, BIOL 3120	4		
		Total Hours Required	58-62

¹A grade of 'C-' or higher in BIOL 1151-1151L or its approved equivalent is required to enroll in any upper division biology course.

²CHEM 222/222L, Organic Chemistry II, and PHYS 1510, General Physics II, are strongly advised for pre-professional and pre-graduate school students.

Requirements for the Major in Biology with Pharmacy Concentration (Degree Plus)

Students participating in this program are expected to complete all Presbyterian College general education requirements. Students must also complete a capstone experience at the PC School of Pharmacy to be approved by the Department of Biology. Students entering the degree plus program should be aware of stipulations from the PC School of Pharmacy regarding admission to its program and completion of all prerequisites before admission to that program, i.e., pre-pharmacy course requirements must be completed with a grade of “C” or better, and a minimum cumulative GPA of 2.5 is required for admission to the program. After earning a minimum of 90 hours at PC, students enter the pharmacy program at the PC School of Pharmacy and in four years earn both a B.S. in Biology with Pre-Pharmacy Concentration and a PharmD. from the PC School of Pharmacy. Students may not walk at the undergraduate commencement ceremony until completion of the Pharmacy program.

Courses required for major	S.H.	Courses required for major	S.H.
1. BIOLOGY CORE COURSES:		5. Select 1 course from the following:	
BIOL 1150, 1150L Biological Concepts	3,1	MATH 199 Applied Calculus	3
BIOL 1151, 1151L Organismal Biology	3,1	MATH 201 Calculus 1 & Analytic Geometry	3
BIOL 2002 Seminar in Biological Primary Lit I	1		
BIOL 3060 Microbiology	4	6. Select 1 course from the following:	
BIOL 3110, 3110L Physiology	3,1	MATH 120 Introductory Statistics	3
2. Select 1 course from the following:		MATH 210 Data Analysis & Stat Computing I	3
BIOL 3020 Comparative Anatomy	4	STAT 319 Business Statistics	4
BIOL 3030, 3030L Human Anatomy & Embry	3,1		
		7. Select 1 course from the following:	
3. BIOLOGY AREA COURSES: (Select 1 from each subcategory)		ECON 205 Principles of Microeconomics	3
A. CELL/MOLECULAR BIOLOGY		ECON 206 Principles of Macroeconomics	3
BIOL 2090 Cell Biology	4		
BIOL/ENVI 3040 Developmental Biology	4	8. Select 1 course from the following:	
BIOL 3180 Immunology	4	PSYC 1001 Introduction to Psychology	3
BCHE/BIOL 3210 Molecular Biology	4	SOC 201 Introduction to Sociology	3
BCHE 307, 307L Biochemistry I	3,1		
B. EVOLUTION/ECOLOGY/PLANT BIOLOGY			
BIOL/ENVI 2030 Introductory Botany	4	To satisfy this major, the following courses must be completed once enrolled as a student at the PC School of Pharmacy:	
BIOL/ENVI 2060 Plant Systematics	4	PHRM 6104 Human Genetics/ Pharm	2
BIOL 2120 Evolution	4	PHRM 8299 Capstone I	1
BIOL 3120 Plant Physiology	4	PHRM 8399 Capstone II	1
BIOL/ENVI 3140 Ecology	4		
BIOL 3200 Paleontology	4		
4. REQUIRED RELATED COURSES		NOTE: With the exception of 3 Biology Area Courses, all pre-pharmacy courses must be completed with a grade of “C” or better to satisfy the application requirements for the PC School of Pharmacy.	
CHEM 101, 101L General Chemistry I	3,1		
CHEM 102, 102L General Chemistry II	3,1		
CHEM 221, 221L Organic Chemistry I	3,1		
CHEM 222, 222L Organic Chemistry II	3,1		
PHYS 1500 General Physics I	4		
SPCH 201 Public Speaking	3	Total Hours Required	64-65

Business Administration

Professors: Kerry E. Pannell, Jerry K. Slice, Suzanne J. Smith

Associate Professors: Rachel G. Childers, Karen B. Mattison, J. Tobin Turner (Chair)

Assistant Professor: Kurt Gleichauf

Requirements for the Major in Business Administration with Accounting Concentration

Courses required for major	S.H.	Courses required for major	S.H.
ACCT 203 Principles Financial Accounting	3	Select 3 hours from the following International Business Electives:	
ACCT 311 Intermediate Accounting I	3		
ACCT 312 Intermediate Accounting II	3	BADM 308 International Marketing	3
ACCT 313 Intermediate Accounting III	3	ECON 318 International Trade	3
ACCT 328 Cost & Managerial Accounting	3	ECON 320 Intl Social Entrepreneurship	3
BADM 101 Quantitative Skills	3	ECON 326 Comparative Economic Systems	3
BADM 299 Computer App for Business	2	ECON/PLSC 341 International Political Economy	3
BADM 301 Business Law	3	International Business elective approved by department chair	3
BADM 307 Marketing	3		
BADM 315 Management/Org Behavior	3		
BADM 332 Managerial Finance	3	Select 6 hours from the following Accounting electives:	
BADM 351 Operations Management	3	ACCT 335 Advanced Accounting	3
BADM 352 Strategic Management	3	ACCT 336 Auditing	3
BADM 400 Career Preparation Tools	1	ACCT 338 Government & Not-for-Profit Acct.	3
ECON 205 Principles of Microeconomics	3	ACCT 340 Federal Income Taxation	3
ECON 206 Principles of Macroeconomics	3	ACCT 342 Accounting Information Systems	3
STAT 319 Business Statistics	4		
		Total Hours Required	58

Note: See also minor in Accounting

Requirements for the Major in Business Administration with Data Analytics Concentration

Courses required for major	S.H.	Courses required for major	S.H.
ACCT 203 Principles Financial Accounting	3	Select 3 hours from the following International Business Electives:	
ACCT 328 Cost & Managerial Accounting	3		
BADM 101 Quantitative Skills	3	BADM 308 International Marketing	3
BADM 299 Computer App for Business	2	ECON 318 International Trade	3
BADM 301 Business Law	3	ECON 320 Intl Social Entrepreneurship	3
BADM 307 Marketing	3	ECON 326 Comparative Economic Systems	3
BADM 315 Management/Org Behavior	3	ECON/PLSC 341 Intl Political Economy	3
BADM 332 Managerial Finance	3	International Business elective approved by department chair	3
BADM 351 Operations Management	3		
BADM 352 Strategic Management	3		
BADM 400 Career Preparation Tools	1	Select one Elective course:	
BADM 371 Intro to Analytics	3	BIOL 3360 Bioinformatics	3
BADM 372 Applied Analytics	3	CSC 2205 Program Design I	3
BADM 373 Data Visualization	3	MATH 210 Data Analysis & Statistical Comp I	3
BADM 374 Analytics Capstone	3	MATH 212 Data Analysis & Stat Comp II	3
ECON 205 Principles of Microeconomics	3	PLSC/SOC 205 Research Methods & Analysis	3
ECON 206 Principles of Macroeconomics	3		
STAT 319 Business Statistics	4	Other course approved by department chair	
		Total Hours Required	58

Requirements for the Major in Business Administration with Management Concentration

Courses required for major	S.H.	Courses required for major	S.H.
ACCT 203 Principles Financial Accounting	3	Select 3 hours from the following International Business Electives:	
ACCT 328 Cost & Managerial Accounting	3		
BADM 101 Quantitative Skills	3	BADM 308 International Marketing	3
BADM 299 Computer Appl for Business	2	ECON 318 International Trade	3
BADM 301 Business Law	3	ECON 320 Intl Social Entrepreneurship	3
BADM 307 Marketing	3	ECON 326 Comparative Economic Systems	3
BADM 315 Management/Org Behavior	3	ECON/PLSC 341 Intl Political Economy	3
BADM 332 Managerial Finance	3	International Business elective approved by department chair	3
BADM 351 Operations Management	3		
BADM 352 Strategic Management	3		
BADM 400 Career Preparation Tools	1	Select 12 hours of electives at or above 300-level with BADM or ECON prefixes (ACCT 311 and 340 may count)	
ECON 205 Principles of Microeconomics	3		3
ECON 206 Principles of Macroeconomics	3		3
STAT 319 Business Statistics	4		3
			3
		Total Hours Required	55

Requirements for the Major in Business Administration with Marketing Concentration

Courses required for major	S.H.	Courses required for major	S.H.
ACCT 203 Principles Financial Accounting	3	Select 6 hours from the following:	
ACCT 328 Cost & Managerial Accounting	3	BADM 323 Sports Marketing	3
BADM 101 Quantitative Skills	3	BADM 361 Strategic Selling & Sales Mgmt	3
BADM 299 Computer Appl for Business	2	BADM 375 Marketing Research	3
BADM 301 Business Law	3	PSYC 2050/SOC 312 Social Psychology	3
BADM 307 Marketing	3		
BADM 308 International Marketing	3		
BADM 309 Consumer Behavior	3		
BADM 315 Management/Org Behavior	3		
BADM 332 Managerial Finance	3		
BADM 337 Social Media Marketing	3		
BADM 352 Strategic Management	3		
BADM 400 Career Preparation Tools	1		
ECON 205 Principles of Microeconomics	3		
ECON 206 Principles of Macroeconomics	3		
STAT 319 Business Statistics	4		
		Total Hours Required	55

Chemistry

Professors: Latha A. Gearheart, A. Craig Powell

Associate Professors: Walter R. Ott, Evelyn J. Swain Assistant (Chair)

Professors: Caleb J. Tatebe, Lacie Kimberly De La Cruz

Requirements for the Major in Chemistry

Courses required for major	S.H.	Courses required for major	S.H.
CHEM 101, 101L General Chemistry I	3,1	Select 7 hours from the following:	
⁴ CHEM 102, 102L General Chemistry II	3,1	³ BCHE 307, 307L Biochemistry I	3,1
CHEM 221, 221L Organic Chemistry I	3,1	³ BCHE 308 Biochemistry II	4
CHEM 222, 222L Organic Chemistry II	3,1	CHEM 322, 322L Adv. Inorganic Chemistry	3,1
CHEM 311 Quantitative Analysis	4	CHEM 332 Adv. Organic Chemistry	5
CHEM 312 Instrumental Analysis	4	CHEM 342 Spectroscopy	4
CHEM 380 Introduction to Research	1	CHEM 345 Forensic Science	3
CHEM 401, 401L Physical Chemistry I	3,1	CHEM 352 Chemistry and Art	4
CHEM 402, 402L Physical Chemistry II	3,1	CHEM 458 Special Topic	3
CHEM 450 Seminar	1		
MATH 201 Calculus I & Analytic Geometry	3	Select 0-3 hours from the following:	
MATH 202 Calculus II	3	CHEM 398, 440, 444 ¹ , or 448	0-3 ²
PHYS 1500 General Physics I OR PHYS 1600 Physics I with Calculus	4		
PHYS 1510 General Physics II OR PHYS 1610 Physics II with Calculus	4		
		Total Hours Required	55-58

¹CHEM 444 must be a departmentally approved research internship.

²Students enrolling in less than 3 hours of research (and accumulating less than 58 hours of major requirements) are required to take CHEM 440.

³Only one semester of Biochemistry may count toward the major.

⁴All students must complete the American Chemical Society General Chemistry Exam with a grade of 60% or higher to receive credit for Chemistry 102.

Requirements for the Major in Chemistry with Pharmacy Concentration (Degree Plus)

Students participating in this program are expected to complete all Presbyterian College general education requirements. Students must also complete a capstone experience at the PC School of Pharmacy to be approved by the Department of Chemistry. Students entering the dual degree program should be aware of stipulations from the PC School of Pharmacy regarding admission to its program and completion of all prerequisites before admission to that program, i.e., pre-pharmacy course requirements must be completed with a grade of “C” or better, and a minimum cumulative GPA of 2.5 is required for admission to the program. After earning a minimum of 99 hours at PC, students enter the pharmacy program at the PC School of Pharmacy and in four years earn both a B.S. in Chemistry with Pre-Pharmacy Concentration and a PharmD. from the PC School of Pharmacy. Students may not walk at the undergraduate commencement ceremony until completion of the Pharmacy program.

Courses required for major	S.H.	Courses required for major	S.H.
CHEMISTRY CORE COURSES:		PHARMACY AREA COURSES	
CHEM 101, 101L General Chemistry I	3,1	BIOL 3060 Microbiology	4
¹ CHEM 102, 102L General Chemistry II	3,1	BIOL 3110 Physiology	3
CHEM 221, 221L Organic Chemistry I	3,1	MATH 210 Data Analysis & Stat Computing I	3
CHEM 222, 222L Organic Chemistry II	3,1		
CHEM 311 Quantitative Analysis	4	Select 1 course from the following:	
CHEM 401, 401L Physical Chemistry I	3,1	ECON 205 Principles of Microeconomics	3
		ECON 206 Principles of Macroeconomics	3
REQUIRED RELATED COURSES			
BIOL 1150, 1150L Biological Concepts	3,1	Select 1 course from the following:	
BIOL 1151, 1151L Organismal Biology	3,1	PSYC 1001 Introduction to Psychology	3
MATH 202 Calculus II	3	SOC 201 Introduction to Sociology	3
PHYS 1500 General Physics I			
OR PHYS 1600 Physics I with Calculus	4		
PHYS 1510 General Physics II		Capstone Experience	
OR PHYS 1610 Physics II with Calculus	4	To be approved by Chemistry Department	1-3
SPCH 201 Public Speaking	3		
Select 1 course from the following:			
BCHE 307, 307L Biochemistry I	3,1	To satisfy this major, the following courses must be completed once enrolled as a student at the PC School of Pharmacy:	
BCHE/BIOL 3210 Molecular Biology	4		
BCHE/CHEM 458 Special Topics	3-4	PHRM 5104 Human Biochemistry	3
BIOL 2340 Genetics	4	PHRM 5105 Practice Integrated Lab Seq I	1
BIOL 3350 Human Genetics	3	PHRM 5107 Pharmaceutical Calculation	2
CHEM 312 Instrumental Analysis	4	PHRM 5208 Principles of Pharm/Med Chem I	2
CHEM 322-322L Inorganic Chemistry	3,1	PHRM 6110 Prin of Pharm/Med Chem I	2
CHEM 332 Advanced Organic Chemistry	5		
CHEM 342 Spectroscopy	4		
CHEM 345 Forensic Science	3		
CHEM 352 Chemistry and Art	4		
CHEM 402, 402L Physical Chemistry II	3,1		
Select 1 course from the following:			
BIOL 3020 Comparative Anatomy	4		
BIOL 3030 Human Anatomy & Embryology	3	Total Hours Required	79-85

¹All students must complete the American Chemistry Society General Chemistry Exam with a grade of 60% or higher to receive credit for CHEM 102.

Computational Biology

Associate Professor: Stuart G. Gordon

Assistant Professors: Marharyta Petukh (Director), Austin Y. Shull

Requirements for the Major in Computational Biology

Courses required for major	S.H.	Courses required for major	S.H.
BIOL 1150, 1150L Biological Concepts	3,1	Select two Electives from the following:	
¹ BIOL 1151, 1151L Organismal Biology	3,1	BCHE 307, 307L Biochemistry I	3,1
BIOL 2340 Genetics	4	BCHE 308 Biochemistry I	4
BIOL 3360 Bioinformatics	3	BCHE/BIOL 3210 Molecular Biology	4
BIOL 3990 Scientific Writing & Presentation	2	BIOL/ENVI 3040 Developmental Biology	4
BADM 371 Intro to Analytics	3	BIOL 3060 Microbiology	4
BADM 372 Applied Analytics	3	PHYS 3900 Data Analytics & Numerical Modeling	3
CBIO 3370 Bioinformatics Algorithms	3		
CBIO 4010 Computation Biology Capstone	3		
CHEM 101, 101L General Chemistry I	3,1		
CHEM 102, 102L General Chemistry II	3,1		
MATH 201 Calculus I & Analytical Geometry	3		
MATH 202 Calculus II	3		
MATH 210 Data Analysis & Stat Computing I	3		
		Total Hours Required	53-54

¹All students should take BIOL1151-1151L. A grade of 'C-' or higher in BIOL 1151-1151L or its approved equivalent is required to enroll in any upper division biology course.

Computer Science

Professor: Gregory Goeckel (Chair)

Assistant Professor: Olivia M. Nche

Requirements for the Major in Computer Science

Courses required for major	S.H.	Courses required for major	S.H.
CSC 2205 Program Design I Must make a grade of "C-" or above	4	Select 12 hours from CSC electives:	
CSC 2255 Program Design II Must make a grade of "C-" or above	3	CSC	
CSC 2405 Programming Languages Survey	3	CSC	
CSC 3100 Computer Organization	3	CSC	
CSC 3405 Algorithms and Data Structures	3	CSC	
CSC 4400 Theory of Computation	3		
CSC 4805 Capstone	3		
MATH 201 Calculus I OR MATH 199 Applied Calculus	3		
Select one course from the following:			
MATH 202 Calculus II	3		
MATH 210 Applied Statistics	3		
STAT 319 Business Statistics	4		
		Total Hours Required	39-40

Economics

Professors: Kerry E. Pannell, Jerry K. Slice, Suzanne J. Smith

Associate Professors: Rachel G. Childers, Karen B. Mattison, J. Tobin Turner (Chair), James T. Allen

Assistant Professor: Kurt Gleichauf

Requirements for the Major in Economics

Courses required for major	S.H.	Courses required for major	S.H.
ACCT 203 Principles Financial Accounting	3	Select 12 hours of Economics courses at or above 300-level (BADM 332 or BADM 351 may count)	
BADM 299 Computer App for Business	2		
BADM 101 Quantitative Skills	3		
BADM 400 Career Preparation Tools	1	ECON	3
ECON 205 Principles of Microeconomics	3	ECON	3
ECON 206 Principles of Macroeconomics	3	ECON	3
ECON 310 Intermediate Microeconomic Theory	3	ECON	3
ECON 330 Intermediate Macroeconomic Theory	3		
ECON 400 Capitalism: Found & Functions	3		
STAT 319 Business Statistics	4		
Select 3 hours from the following:			
MATH 199 Calculus for the Social/Bio Sciences	3		
MATH 201 Calculus I/Analytic Geometry	3		
		Total Hours Required	43

Education

Professor: Patricia L. Jones (Chair), Matthew P. vandenBerg

Associate Professors: Tammy J. Graham, Douglas L. Smith, Julia Wilkins

Admission Requirements:

Students who plan to pursue a program of study leading to initial licensure must submit a formal application to the Chair of the Education Department at Presbyterian College. Applications are submitted during the sophomore year, or after the completion of 45 hours of coursework.

Students **must** be admitted to the Presbyterian College Education Department to enroll in 300- or 400-level education courses (with the exception of EDMS 341 and EDUC 371).

Students who complete the requirements by August 15th of the sophomore year, but aren't yet formally admitted must submit a request to the department chair to receive permission to take 300- or 400-level education courses.

Criteria used in determining acceptance into the professional program include:

1. Completed teacher education application, including a successful South Carolina Law Enforcement Division background check as required by the S.C. Education Department
2. Completion of 45 semester hours
3. A cumulative 2.75/4.0 GPA (on all PC coursework and all coursework that counts towards graduation)
4. Declared program of study on file in the PC Registrar's Office
5. Passing scores on all sections of either the Praxis Core examination, ACT or SAT. South Carolina Exemption (scores are to be submitted with the Teacher Education Program Application)

The Teacher Education Committee will make the final decision on all admissions to the Teacher Education Program, and will immediately send a letter notifying the candidate of the Committee's decision. Questions or concerns regarding an applicant's status may be directed to the Chair of the Education Department. Once admitted to the Teacher Education Program, candidates are required to complete all required coursework and College requirements prior to student teaching.

If course scheduling problems arise, no more than two courses for a maximum of eight hours may be taken after student teaching is completed, provided the student has met all other graduation requirements. Students are encouraged to check the program requirements and to plan carefully as they develop their plans for obtaining teacher certification. Students should be aware of the off-campus time required during the student teaching experience and must complete all college requirements prior to the student teaching semester. Early and frequent consultation with the Presbyterian College Education Department faculty is recommended. The Teacher Education Handbook contains additional information and is located on the Education Department's website.

Education Program Completers:

The Education Department will provide recommendation for educator certification to the South Carolina Department of Education upon successful completion of all requirements. A program completer is a candidate who has met all of the program requirements specified by the South Carolina Department of Education and Presbyterian College's Teacher Education Program.

Career Services:

The Presbyterian College will work closely with completers and the campus Career Development and Student Success Center to assist candidates with job applications, resumes and other requirements for obtaining employment.

Secondary Education

In order to teach in a secondary school setting, a student will major in the teaching area of interest (i.e. science, English, history, or mathematics) and minor in secondary education. For specific course requirements, see the area of interest under majors.

Requirements for the Major in Education: Early Childhood

Courses required for major	S.H.	Courses required for major	S.H.
EDEC 303 Early Childhood Edu Curriculum	3	Select 3 hours from the following:	
EDEC 304 Methods and Materials of Early Childhood	3	ART 280 Art for the Child	3
EDEC 310 Literature for Children	3	MUSC 2400 School Music Methods	3
EDEC 311 Emergent and Early Literacy	3	PHED 310 Health/Physical Act. for the Child	3
EDEC 408 Observation/Assessment	3		
EDEC 409 Planning and Seminar	3	Select 3 hours from the following:	
EDEC 410 Teaching, Directed Teaching in EDEC	6	HIST 3245 African-American History	3
EDEL 306 Social Studies Methods	3	HIST 3250 History of SC	3
EDEL 313 Teaching Reading at Elementary Level	3	MUSC 1151 Music of the World Cultures	3
EDUC 201 Intro. to Education	3	RELG 356 African American History	3
EDUC 210 Teaching Cult/Ling Diverse Students	3	SOC 360 World Population Issues	3
EDUC 214 Child Growth and Development	3	SOC 364 Race & Ethnic Relationships	3
EDUC 314 Teaching the Language Arts	3	Semester-long Study Abroad program	
EDUC 241/PSYC 2041 Educational Psychology	3		
EDUC 371 Introduction to Special Education	3		
EDUC 395 Practicum I	1		
EDUC 396 Practicum II	1		
EDUC 397 Practicum III	1		
EDUC 399 Practicum IV	1		
EDUC 440 Capstone Seminar in Education	3		
MATH 203 Math for Elementary Teachers I	3		
MATH 204 Math for Elementary Teachers II	3	Total Hours Required	67

Note: EDEC majors must take PSYC 1001 listed on General Education form under Social Sciences

Note: Students may take PSYC 2041/EDUC 241 before declaring a major in the Education Department

Requirements for the Major in Education: Elementary

Courses required for major	S.H.	Courses required for major	S.H.
EDEC 310 Literature for Children	3	ART 280 Art for the Child	3
EDEC 311 Emergent and Early Literacy	3	EDUC 241/PSYC 2041 Educational Psychology	3
EDEL 305 Science Methods	3	GEOG 301 Geography of the World	3
EDEL 306 Social Studies Methods	3	MUSC 2400 School Music Methods	3
EDEL 313 Teaching Reading at the Elem Level	3	PHED 310 Health /Physical Act. for the Child	3
EDEL 405 Observation/Assessment	3	MATH 203 Math for Elementary Teachers I	3
EDEL 406 Planning and Seminar	3	MATH 204 Math for Elementary Teachers II	
EDEL 407 Directed Teaching	6		
EDUC 201 Intro. to Education	3		
EDUC 210 Teaching Cult/Ling Diverse Students	3		
EDUC 214 Child Growth and Development	3		
EDUC 314 Teaching the Language Arts	3		
EDUC 371 Introduction to Special Education	3		
EDUC 395 Practicum I	1		
EDUC 396 Practicum II	1		
EDUC 397 Practicum III	1		
EDUC 399 Practicum IV	1		
EDUC 440 Capstone	3		
		Total Hours Required	70

Note: Elementary Education majors should structure their GE science courses such that a Life Science and a Physical Science are represented in the content (ex. BIOL and CHEM or BIOL and PHYS).

Requirements for the Major in Education: Middle School - Concentration: Language Arts

Professional Preparation – Education	S.H.	Courses required for major	S.H.
EDMS 341 Middle School Philosophy & Organization	3	Select 3 hours from the following:	
EDMS 400 Middle School-Language Arts Methods	2	ENGL 2201 Survey of British Literature I	3
EDMS 410 Observation/Assessment	3	ENGL 2202 Survey of British Literature II	3
EDMS 411 Planning and Seminar	3	ENGL 2203 Survey of American Literature I	3
EDMS 412 Directed Teaching	6	ENGL 2204 Survey of American Literature II	3
EDUC 201 Introduction to Education	3	ENGL 2205 Survey of African American Literature	3
EDUC 210 Teaching Cult/Ling Diverse Students	3	ENGL 2206 Survey of World Lit in Translation	3
EDUC 215 Adolescent Development	3	ENGL 2207 Survey of World Lit in English	3
EDUC 315 Foundations of Reading Mid/Sec Teach	3		
EDUC 325 Content Area Lit Mid/Sec Teaching	3	Select 3 hours from the following:	
EDUC 241/PSYC 2041 Educational Psychology	3	ENGL 3302 Modern & Contemporary Poetry	3
EDUC 371 Introduction to Special Education	3	ENGL 3363/SOST 3101 Southern Literature: The Big House	3
EDUC 395 Practicum I	1	ENGL 3361/SOST 3102 Appalachian Literature	3
EDUC 396 Practicum II	1	ENGL 3362 Southern Jewish Literature	3
EDUC 397 Practicum III	1	ENGL 3370 Women's Literature	3
EDUC 399 Practicum IV	1	ENGL 3371 Women's World Literature	3
EDUC 440 Capstone Seminar in Education	3	ENGL 3374 Other Souths	3
ENGL 2101 Studies in Linguistics	3	ENGL 3380 Holocaust Literature	3
ENGL 3001 Adolescent Literature	3	ENGL 3500 Film & American Culture	3
PSYC 1001 Introductory Psychology	3	ENGL 3520 Postcolonial Lit & Film	3
Select 3 hours from the following:			
ENGL 2208 Survey of World Cinema	3		
ENGL 3500 Film and American Culture	3		
MDST 230 Intro to Media Studies	3		
		Total Hours Required	63

Requirements for the Major in Education: Middle School - Concentration: Mathematics

Professional Preparation – Education	S.H.	Courses required for major	S.H.
EDMS 341 Middle School Philosophy & Organization	3	MATH 120 Introductory Statistics	3
EDMS 403 Middle School-Math Methods	2	MATH 201 Calculus I & Analytic Geometry	3
EDMS 410 Observation/Assessment	3	MATH 202 Calculus II	3
EDMS 411 Planning and Seminar	3	MATH 221 Transition to Advanced Mathematics	3
EDMS 412 Directed Teaching	6	MATH 308 Discrete Math w/Graph Theory	3
EDUC 201 Introduction to Education	3	MATH 309 Modern College Geometry	3
EDUC 210 Teaching Cult/Ling Diverse Students	3		
EDUC 215 Adolescent Development	3		
EDUC 315 Foundations of Reading Mid/Sec Teach	3		
EDUC 325 Content Area Lit Mid/Sec Teaching	3		
EDUC 241/PSYC 2041 Educational Psychology	3		
EDUC 371 Introduction to Special Education	3		
EDUC 395 Practicum I	1		
EDUC 396 Practicum II	1		
EDUC 397 Practicum III	1		
EDUC 399 Practicum IV	1		
EDUC 440 Capstone Seminar in Education	3		
PSYC 1001 Introductory Psychology	3		
		Total Hours Required	66

Note: It is crucial that prospective middle school education majors planning a concentration in math take MATH 201 and MATH 221 no later than their sophomore year.

Requirements for the Major in Education: Middle School - Concentration: Science

Professional Preparation – Education	S.H.	Courses required for major	S.H.
EDMS 341 Middle School Philosophy & Organization	3	BIOL 1150/1150L Biological Concepts	3,1
		BIOL 1151/1151L Organismal Biology	3,1
EDMS 402 Middle School-Science Methods	2	CHEM 101/101L General Chemistry I	3,1
EDMS 410 Observation/Assessment	3	PHYS 1100 Earth Science	4
EDMS 411 Planning and Seminar	3	PHYS 1500 General Physics I	4
EDMS 412 Directed Teaching	6		
EDUC 201 Introduction to Education	3		
EDUC 210 Teaching Cult/Ling Diverse Students	3		
EDUC 215 Adolescent Development	3		
EDUC 315 Foundations of Reading Mid/Sec Teach	3		
EDUC 325 Content Area Lit Mid/Sec Teaching	3		
EDUC 241/PSYC 2041 Educational Psychology	3		
EDUC 371 Introduction to Special Education	3		
EDUC 395 Practicum I	1		
EDUC 396 Practicum II	1		
EDUC 397 Practicum III	1		
EDUC 399 Practicum IV	1		
EDUC 440 Capstone Seminar in Education	3		
PSYC 1001 Introductory Psychology	3		
		Total Hours Required	68

Requirements for the Major in Education: Middle School - Concentration: Social Studies

Professional Preparation – Education	S.H.	Courses required for major	S.H.
EDMS 341 Middle School Philosophy & Organization	3	HIST 2200 American History 1	3
EDMS 401 Middle School-Social Studies Methods	2	HIST 2201 American History 2	3
EDMS 410 Observation/Assessment	3		
EDMS 411 Planning and Seminar	3	Select 3 hours from the following:	
EDMS 412 Directed Teaching	6	GEOG 301 Geography I	3
EDUC 201 Introduction to Education	3	GEOG 302 Geography II	3
EDUC 210 Teaching Cult/Ling Diverse Students	3		
EDUC 215 Adolescent Development	3	Select 3 hours from the following:	
EDUC 315 Foundations of Reading Mid/Sec Teach	3	PLSC 201 Intro to Political Science	3
EDUC 325 Content Area Lit Mid/Sec Teaching	3	PLSC 202 Intro to American Government	3
EDUC 241/PSYC 2041 Educational Psychology	3		
EDUC 371 Introduction to Special Education	3		
EDUC 395 Practicum I	1		
EDUC 396 Practicum II	1		
EDUC 397 Practicum III	1		
EDUC 399 Practicum IV	1		
EDUC 440 Capstone Seminar in Education	3		
PSYC 1001 Introductory Psychology	3		
		Total Hours Required	60

Requirements for the Major in Special Education

Courses required for major	S.H.	Courses required for major	S.H.
EDEC 311 Emergent and Early Literacy	3	SPED 300 Beh Mgmt & Comm Skills for Excep Learners	3
EDEL 305 Science Methods	3		
EDEL 306 Social Studies Methods	3	SPED 310 Learning Disab/Charac/Interventions	3
EDEL 313 Teaching Reading at Elementary Level	3	SPED 315 Intellectual Disab/Charac/Intervention	3
EDUC 201 Introduction to Education	3	SPED 320 Emotional Disab/Charac/Interventions	3
EDUC 210 Teaching Culture/Ling Diverse Students	3	SPED 325 Instruction for Persons w/Em Disab	3
EDUC 241/PSYC 2041 Educational Psychology	3	SPED 330 Instruction for Persons w/Learn Dis	3
EDUC 314 Teaching the Language Arts	3	SPED 335 Instruction for Persons w/Intell Dis	3
EDUC 371 Introduction to Special Education	3	SPED 400 Assess/Measure of Excep Learners	3
EDUC 395 Practicum I	1	SPED 405 Severe Disab/Charac/Interventions	3
EDUC 396 Practicum II	1	SPED 410 Instr for Persons w/Mod-Sev Dis	3
EDUC 397 Practicum III	1	SPED 420 Observation/Assessment	3
EDUC 399 Practicum IV	1	SPED 421 Planning	3
MATH 203 Math for Elementary Teachers I	3	SPED 422 Teaching, Directed Teaching in SPED	6
MATH 204 Math for Elementary Teachers II	3		
		Total Hours Required	79

English

Professors: G. Terry Barr, J. Justin Brent, Lynne M. Simpson(Chair), Robert E. Stutts, H. Dean Thompson

Associate Professors: Kendra Y. Hamilton, Emily L. Taylor

Assistant Professor: Philip Perdue

Requirements for the Major in English

Courses required for major	S.H.	Courses required for major	S.H.
Select ONE OPTION:		Select at least 6 hours from pre-1900 Literature courses:	
ENGL 4100 Senior Capstone in English	3	ENGL 3101 Topics in Medieval Literature	3
ENGL 4003 Honors Research (Honors Track only)	3	ENGL 3102 Chaucer	3
		ENGL 3110 Topics in Renaissance Literature	3
Select at least 3 hours from Foundation courses:		ENGL 3111 Shakespeare	3
ENGL 2101 Studies in Linguistics	3	ENGL 3131 The English Novel to 1900	3
ENGL 2102 Research Methods	3	ENGL 3133 Austenmania!	3
ENGL 2103 Intro to Literary Theory & Criticism	3	ENGL 3134 Nineteenth Century British Lit	3
		ENGL 3201 American Renaissance	3
Select at least 9 hours from Survey courses:		Select at least 6 hours from post 1900 Literature courses:	
ENGL 2201 Survey of British Literature I	3	ENGL 3001 Adolescent Literature	3
ENGL 2202 Survey of British Literature II	3	ENGL 3301 Modern British & American Novel	3
ENGL 2203 Survey of American Literature I	3	ENGL 3302 Modern & Contemporary Poetry	3
ENGL 2204 Survey of American Literature II	3	ENGL 3361/SOST 3102 Appalachian Literature	3
ENGL 2205 Survey of African Amer. Literature	3	ENGL 3362 Southern Jewish Literature	3
ENGL 2206 Survey of World Lit in Translation	3	ENGL 3363/SOST 3102 Southern Literature: The Big House	3
ENGL 2207 Survey of World Lit in English	3	ENGL 3370 Women's Literature	3
ENGL 2208 Survey of World Cinema	3	ENGL 3371 Women's World Literature	3
Select 6 hours of electives from COMM, CRWR or English or MDST 230:		ENGL 3374 Other Souths	3
		ENGL 3380 Holocaust Literature	3
	3	ENGL 3381 Topics in African American Lit	3
	3	ENGL 3400 Understanding Pop Culture	3
		ENGL 3520 Postcolonial Lit and Film	3
		Students who seek honors in English must complete an additional six hours in the following:	
		ENGL 2101, 2102 or 2103 (if not chosen above)	3
		ENGL 4005 or other English elective as approved	3
		Total Hours Required	33 (or 36)

Requirements for the Major in English with Creative Writing Concentration

Courses required for major	S.H.	Courses required for major	S.H.
CRWR 4100 Creative Writing: Senior Portfolio	3	Select 6 hours from Creative Writing workshop courses:	
		CRWR 2100 Creative Writing: Poetry	3
Select 3 hours from Foundation courses:		CRWR 2200 Creative Writing: Fiction	3
ENGL 2101 Studies in Linguistics	3	CRWR 2300 Creative Writing: Cr Nonfiction	3
ENGL 2102 Research Methods	3	CRWR 2400 Topics in Creative Writing	3
ENGL 2103 Intro to Literary Theory & Criticism	3		
		Select 3 hours from COMM or CRWR courses (not selected from above):	
		COMM 3310 Writing for Mass Media	3
		COMM 3430 Health Communication	3
Select 9 hours from Survey courses:		CRWR 2100 Creative Writing: Poetry	3
ENGL 2201 Survey of British Literature I	3	CRWR 2200 Creative Writing: Fiction	3
ENGL 2202 Survey of British Literature II	3	CRWR 2300 Creative Writing: Cr Nonfiction	3
ENGL 2203 Survey of American Literature I	3	CRWR 2400 Topics in Creative Writing	3
ENGL 2204 Survey of American Literature II	3	CRWR 2500 Special Topic	3
ENGL 2205 Survey of African American Literature	3	CRWR 4003 Honors Research	3
ENGL 2206 Survey of World Lit in Translation	3	CRWR 4005 Directed Study	3
ENGL 2207 Survey of World Lit in English	3	CRWR 4007 Internship	3
ENGL 2208 Survey of World Cinema	3	ENGL 2101 Studies in Linguistics	3
		ENGL 3650 Advanced Writing	3
Select at least 3 hours from pre-1900 Literature courses: (3101, 3102, 3110, 3111, 3131, 3133, 3134, 3201)		MDST 230 Intro to Media Studies	3
ENGL	3	THEA 2301 Documentary Theatre	3
		THEA 3000 Theatre for Social Change	3
Select at least 3 hours from post-1900 Literature courses: (3001, 3301, 3302, 3361, 3363, 3370, 3371, 3374, 3380, 3381, 3400, 3520)		Appropriate courses as approved by creative writing director	
ENGL	3		
		Select 3 hours from Creative Writing major project courses:	
		CRWR 4000 Adv Creative Writing Workshop	3
		CRWR 4003 Honors Research (not selected above)	3
		Total Hours Required	33

Requirements for the Major in English with Communication Studies Concentration

Courses required for major	S.H.	Courses required for major	S.H.
COMM 2100 Intro to Communication Studies	3	Select at least 3 hours from pre-1900 Literature courses: (ENGL 3101, 3102, 3110, 3111, 3131, 3133, 3134, 3201)	
COMM 2200 Communicating Citizenship	3	ENGL	3
COMM 4007 Internship	3		
ENGL 4100 Senior Capstone in English	3	Select at least 3 hours from post-1900 Literature courses: (ENGL 3001, 3301, 3302, 3361, 3362, 3363, 3370, 3371, 3374, 3380, 3381, 3400, 3520)	
		ENGL	3
Select 3 hours from Foundation courses:			
ENGL 2101 Studies in Linguistics	3	Select 3 hours from Visual Communication courses: (COMM 3110, ART 274, ENGL 2301, 3510, 3511)	
ENGL 2102 Research Methods	3		3
ENGL 2103 Intro to Literary Theory/Criticism	3		
MDST 230 Intro to Media Studies	3	Select 3 hours from Digital Communication courses: (CSC 1235, 3300)	
SPCH 201 Public Speaking	3		3
Select 3 hours from Survey courses:		Select 3 hours from Mass Communication courses: (COMM 3310, 3320, 3340, ENGL 2208, 3500, PLSC 312)	
ENGL 2201 Survey of British Literature I	3		3
ENGL 2202 Survey of British Literature II	3		
ENGL 2203 Survey of American Literature I	3	Select 3 hours from Rhetoric and Public Advocacy courses: (COMM 3410, 3420, 3430, PHIL 205, RELG 220, 3420)	
ENGL 2204 Survey of American Literature II	3		3
ENGL 2205 Survey of African American Lit	3		
ENGL 2206 Survey of World Lit in Translation	3	Select 3 hours of electives from COMM or ENGL or MDST 230 or any of the above not taken previously:	
ENGL 2207 Survey of World Lit in English	3		3
ENGL 2206 Survey of World Lit in Translation	3		
ENGL 2207 Survey of World Lit in English	3		
		Total Hours Required	39

Requirements for the Major in English with Minor in Secondary Education

Courses required for major	S.H.	Courses required for major	S.H.
ENGL 2101 Studies in Linguistics	3	EDUC 201 Intro. To Education	3
ENGL 2102 Research Methods OR ENGL 2103 Intro to Literary Criticism & Theory	3	EDUC 210 Teaching Cult/Ling Diverse Students	3
ENGL 3001 Adolescent Literature	3	EDUC 215 Adolescent Development	3
ENGL 3002 The Teaching of Composition	3	EDUC 315 Found of Reading Mid/Sec Teach	3
ENGL 3111 Shakespeare	3	EDUC 325 Content Area Lit Mid/Sec Teaching	3
ENGL 4100 Senior Capstone in English	3	EDUC 371 Introduction to Special Education	3
		EDUC 395 Practicum I	1
Select 9 hours from Survey courses:		EDUC 396 Practicum II	1
ENGL 2201 Survey of British Literature I	3	EDUC 397 Practicum III	1
ENGL 2202 Survey of British Literature II	3	EDUC 399 Practicum IV	1
ENGL 2203 Survey of American Literature I	3	EDSD 301 Principles/Philosophies of Education	3
ENGL 2204 Survey of American Literature II	3	EDSD 302 Meth/Materials of High School Teach	3
ENGL 2205 Survey of African American Lit	3	EDSD 400 Observation/Assessment	3
ENGL 2206 Survey of World Lit in Translation	3	EDSD 401 Planning and Seminar	3
ENGL 2207 Survey of World Lit in English	3	EDSD 402 Dir Teaching in the Secondary School	6
Select 3 hours from post-1900 Literature courses:		Select 3 hours from pre-1900 literature courses:	
ENGL 3362 Southern Jewish Literature	3	ENGL 3101 Topics in Medieval Literature	3
ENGL 3363/SOST 3101 Southern Literature: The Big House	3	ENGL 3102 Chaucer	3
ENGL 3370 Women's Literature	3	ENGL 3110 Topics in Renaissance Literature	3
ENGL 3371 Women's World Literature	3	ENGL 3120 18th Century Poetry and Prose	3
ENGL 3374 Other Souths	3	ENGL 3131 The English Novel to 1900	3
ENGL 3380 Holocaust Literature	3	ENGL 3133 Austenmania!	3
ENGL 3381 Topics in Afr. Amer. Lit	3	ENGL 3134 Nineteenth-Century Literature	3
ENGL 3400 Understanding Pop Culture	3	ENGL 3201 American Renaissance	3
ENGL 3520 Postcolonial Lit & Film	3		
		Total Hours Required	73

French

Professor: Patrick D. Kiley (Director)

Requirements for the Major in French

Courses required for major	S.H.
FREN 2001 Intermediate French	3
FREN 2002 Culture and Communication	3
FREN 3001 French Composition and Conversation I OR FREN 3002 French Composition and Conversation II	3
FREN 4800 Signature Work	1
Select 3 hours in French literature:	
FREN	3
Select 3 hours of French Civilization or Culture courses:	
FREN	3
Select 12 hours of French electives:	
FREN	3
Total Hours Required	28

1. Students taking FREN 4003 (Honors Research) must register for FREN 4800 (Signature Work) in the same semester.
2. French courses taken in a study abroad program may be substituted for some of the above courses, subject to approval by the department. A summer or study abroad experience in a French-speaking country is recommended for all majors.

History

Professors: Roy B. Campbell, Richard R. Heiser, Michael A. Nelson, Stefan W. Wiecki (Chair)

Associate Professors: William J. Harris, Jaclyn A. Sumner (Chair)

Requirements for the Major in History

Courses required for major	S.H.	Courses required for major	S.H.
HIST 2200 American History 1	3	Select at least 3 hours from Area Studies Courses:	
HIST 2201 American History 2	3	HIST 3610/PHIL 361 History & Philosophy of Traditional China	3
HIST 4000 Senior Seminar Prerequisite	3	HIST 3611 Modern China and East Asia	3
HIST 4001 Senior Seminar	3	HIST 3612 History of India	3
		HIST 3613 The Middle East from Muhammad to Napoleon	3
Select at least 3 hours from European History Courses:		HIST 3615 Colonial Latin America	3
HIST 2400 Ancient & Medieval Europe	3	HIST 3616 Modern Latin America	3
HIST 2401 Modern Europe	3	HIST 3617 History of Japan	3
HIST 3410 Medieval England and France	3	HIST 3618 History of Modern Middle East & Northern Africa	3
HIST 3411 Tudor and Stuart England	3	HIST 3640 Gender & Family in Chinese History	3
HIST 3413 The Soviet Union-Terrible Greatness	3	HIST 3641 Violence & Terror in Modern History	3
HIST 3414 Germany-The Restless Nation	3	HIST 3642 Race, Gender & Power in Latin Amer	3
HIST 3415 History of Scotland	3	HIST 3643 History of Mexico: Empire to Rev.	3
HIST 3440 Greeks, Romans, & Barbarians	3	HIST 3644 Indigenous Politics in Latin America	3
HIST 3441/RELG 357 History of Christianity	3	HIST 3645 History of U.S.-Lat Amer Relationship	3
HIST 3442 Renaissance and Reformation	3	HIST 3670 Topics in Area Studies History	3
HIST 3443 French Revolution	3		
HIST 3444 World War II in Europe	3	Select at least 12 hours from History electives at or above 2000-level:	
HIST 3445 The Holocaust	3	HIST	3
HIST/PRLW 3451 History of Ancient and Medieval Law	3	HIST	3
HIST 3470 Topics in European History	3	HIST	3
		HIST	3
		Students may also select an Honors Track in History which includes an additional 3 hours of History electives including an Honors Project:	
		HIST _____	3
		Total Hours Required	30 (or 33)

Students must choose a second major or a minor in an approved area.

Requirements for the Major in History with Minor in Secondary Education with Social Studies Concentration

Courses required for major	S.H.	Courses required for major	S.H.
HIST 2200 American History 1	3	EDUC 201 Intro. To Education	3
HIST 2201 American History 2	3	EDUC 210 Teaching Cult/Ling Diverse Students	3
HIST xxxx European History Elective	3	EDUC 215 Adolescent Development	3
HIST 3240 History of the South OR HIST 3250 History of South Carolina	3	EDUC 315 Found of Reading Mid/Sec Teach	3
HIST 4000 Senior Seminar Prerequisite	3	EDUC 325 Content Area Lit Mid/Sec Teaching	3
HIST 4001 Senior Seminar	3	EDUC 395 Practicum I	1
		EDUC 396 Practicum II	1
Select 3 hours from Area Studies Courses:		EDUC 397 Practicum III	1
HIST 3610/PHIL 361 History & Philosophy of Traditional China	3	EDUC 399 Practicum IV	1
HIST 3611 Modern China and East Asia	3	EDUC 371 Introduction to Special Education	3
HIST 3612 History of India	3	EDSD 301 Principles/Philosophies of Education	3
HIST 3613 The Middle East from Muhammad to Napoleon	3	EDSD 302 Meth/Materials of High School Teach	3
HIST 3615 Colonial Latin America	3	EDSD 400 Observation/Assessment	3
HIST 3616 Modern Latin America	3	EDSD 401 Planning and Seminar	3
HIST 3617 History of Japan	3	EDSD 402 Teaching/Dir Teaching in the Sec. Sch.	6
		ECON 205 Principles of Microeconomics OR ECON 206 Principles of Macroeconomics	3
HIST 3640 Gender & Family in Chinese History	3	GEOG 301 Geography of the Developed World	3
HIST 3641 Violence & Terror in Modern History	3	PLSC 201 Introduction to Political Science OR PLSC 202 Introduction to American Government	3
HIST 3642 Race, Gender & Power in Latin Amer	3	SOC 201 Introductory Sociology	3
HIST 3643 History of Mexico: Empire to Rev.	3	ECON/PLSC 341 Intl Political Economy OR ECON/PLSC 350 Comparative Political Economy	3
HIST 3644 Indigenous Politics in Latin America	3		
HIST 3645 History of U.S.-Lat Amer Relationship	3		
HIST 3670 Topics in Area Studies History	3		
Select 6 hours of History electives at or above 2000-level:			
HIST	3		
HIST	3		
		Total Hours Required	82

International Studies

Professors: Roy B. Campbell, Patrick D. Kiley (Director), Suzanne J. Smith, Stefan W. Wiecki

Associate Professors: Justin E. Lance, Emily L. Taylor

Requirements for the Major in International Studies

Courses required for major	S.H.	Courses required for major	S.H.
Common Core-5 courses (15 hours) – major selects <u>one</u> course from <u>each</u> of the following areas:		Regional Specialization-4 courses (12 hours) – major selects <u>four</u> courses from <u>one</u> of the following areas:	
Economics and Business Administration BADM 308, ECON 318, ECON 320, ECON 326	3	Europe and Russia ARTH 110, ARTH 120, ARTH 210, ARTH 220, ARTH 240, ARTH 310, ENGL 2201, ENGL 2202, ENGL 3101, ENGL 3102, ENGL 3110, ENGL 3111, ENGL 3120, ENGL 3131, FREN 3022, FREN 4000, FREN 4001, FREN 4012, FREN 4013, FREN 4014, FREN 4015, FREN 4016, FREN 3940, GEOG 301, HIST 3410, HIST 3411, HIST 3413, HIST 3414, HIST 3415, HIST 3440, HIST 3442, HIST 3443, MUSC 1151, MUSC 3301, MUSC 3302, PLSC 355, PLSC 380, SPAN 4000, SPAN 3015, SPAN 4021, SPAN 4022, SPAN 3041	12
History HIST – Any 3-hour history course outside the US at or above 3000-level	3	Africa ENGL 3371, ENGL 3520, MUSC 1151, RELG 310, SOC 360	12
Political Science ECON/PLSC 341, PLSC 331, PLSC/SOC 370, PLSC 380, PLSC 387	3	Asia and the Pacific ENGL 2208, ENGL 3371, ENGL 3520, HIST 3610/PHIL 361, HIST 3611, HIST 3612, HIST 3640, MUSC 1151, RELG 310, SOC 360	12
Culture and Traditions ARTH 110, ARTH 120, EDUC 202, ENGL 2206, ENGL 2208, MUSC 1151, MUSC 3301, MUSC 3302, RELG 220, RELG 310	3	Middle East ENGL 3371, HIST 3441/RELG 357, HIST 3613, MUSC 1151, PLSC 387, RELG 310	12
Modern Foreign Language MFL – Any 3-hour modern foreign language course above 2001-level	3	Latin America and the Caribbean ARTH 320, HIST 3615, HIST 3616, HIST 3642, LAST/SPAN 318, LAST/SPAN 3035, MUSC 1151, PLSC/SOC 370, SPAN 3016, SPAN 4031, SPAN 3034, SPAN 3041	12
		INTL 440 International Studies Capstone – directed study project incorporating elements from study abroad experience, thematic and regional specialization	1
Thematic Specialization-4 courses (12 hours) – major selects <u>four</u> courses from <u>one</u> of the following areas:			
History, Culture and Society ARTH 110, EDUC 202, ENGL 2206, ENGL 2208, FREN 3022, FREN 4000, FREN 4001, FREN 4012, FREN 4013, FREN 4014, FREN 4015, FREN 4016, FREN 3940, GEOG 301, Any HIST course outside US at or above 3000-level, LAST/SPAN 3018, MUSC 1151, MUSC 3301, MUSC 3302, SOC 310, SOC 360, SPAN 3015, SPAN 3016, SPAN 4021, SPAN 4022, SPAN 4031, SPAN 4032, SPAN 3043	12		
International Business BADM 308, ECON 318, ECON 320, ECON 326, ECON/PLSC 341, SPAN 3041	12		
International Politics and Diplomacy ECON/PLSC 341, GEOG 301, HIST 3641, LAST/SPAN 3018, PLSC 332	12		
		Total Hours Required	40

¹ Study Abroad – 1 semester study abroad (Major can use coursework from study abroad to count toward Thematic or Regional Specialization requirement).

² No more than 15 hours of coursework can overlap with another single major's classes. For example, a history major may count no more than 15 hours of history classes toward the INTL major.

³ Students may not receive both General Education and INTL major credit for the same course.

⁴ Any course counts once towards the major, even though it might be listed several times. For example, HIST 3440 cannot fulfill requirements in Common Core and in Thematic Specialization.

Mathematics

Professors: Brian D. Beasley, Douglas S. Daniel (Chair), C. Clinton Harshaw, Kara L. Shavo

Requirements for the Major in Mathematics

Courses required for major	S.H.	Courses required for major	S.H.
¹ MATH 202 Calculus II		Select 3 courses from the following 4 options:	
	3	MATH 305 Complex Variables	3
^{1,2} MATH 221 Transition to Adv Mathematics	3	MATH 308 Discrete Mathematics with Graph Theory	3
MATH 301 Calculus III	3	MATH 317 Number Theory with History of Mathematics	3
MATH 302 Calculus IV	3	MATH 401 Differential Equations	3
MATH 307 Linear Algebra	3		
MATH 309 Modern College Geometry	3		
MATH 311 Probability and Statistics	3		
MATH 313 Abstract Algebra	3		
MATH 350/CSC 3500 Numerical Methods	3		
MATH 405 Advanced Calculus	3		
MATH 440 Senior Capstone	3		
		Total Hours Required	42

¹Grade of "C" or better required.

²It is crucial that prospective Mathematics majors take MATH 221 no later than their sophomore year.

Requirements for the Major in Mathematics with a Minor in Secondary Education

Courses required for major	S.H.	Professional Courses required for major	S.H.
MATH 201 Calculus I & Analytic Geometry	3	EDUC 201 Intro. To Education	3
¹ MATH 202 Calculus II	3	EDUC 210 Teaching Cult/Ling Diverse Students	3
MATH 210 Data Analysis & Stat Computing I	3	EDUC 215 Adolescent Development	3
^{1,2} MATH 221 Transition to Adv Mathematics	3	EDUC 315 Found of Reading Mid/Sec Teach	3
MATH 301 Calculus III	3	EDUC 325 Content Area Lit Mid/Sec Teaching	3
MATH 302 Calculus IV	3	EDUC 395 Practicum I	1
MATH 307 Linear Algebra	3	EDUC 396 Practicum II	1
MATH 308 Discrete Math w/Graph Theory	3	EDUC 397 Practicum III	1
MATH 309 Modern College Geometry	3	EDUC 399 Practicum IV	1
MATH 313 Abstract Algebra	3	EDUC 371 Introduction to Special Education	3
MATH 430 Senior Seminar for Math Teachers	1	EDSD 301 Principles/Philosophies of Education	3
MATH 441 Sr. Capstone in Teaching Math	1	EDSD 302 Meth/Materials of High School Teach	3
		EDSD 400 Observation/Assessment	3
		EDSD 401 Planning and Seminar	3
		EDSD 402 Teaching/Dir Teaching in the Sec. Sch.	6
		Total Hours Required	72

¹ Grade of "C" or better is required.

² It is crucial that prospective Mathematics majors take MATH 221 no later than their sophomore year.

³ Candidates are encouraged to consult with their faculty advisor in the Mathematics Department during their freshman year.

Modern Foreign Languages

Professors: Mark R. Cox, Patrick D. Kiley, Sharon E. Knight (Chair)

Requirements for the Major in Modern Foreign Languages

Courses required for major	S.H.	Courses required for major	S.H.
Select 18 hours of French courses at 2000-level or above:		Modern Foreign Language Capstone selected by student in one foreign language only:	
	3	FREN 4800 Signature Work	1
	3	SPAN 4800 Signature Work	1
	3		
	3		
	3		
	3		
Select 18 hours of Spanish courses at 2000-level or above:			
	3		
	3		
	3		
	3		
	3		
	3		
		Total Hours Required	37

¹ Students Taking 4003 (Honors Research) must register for FREN 4800 or SPAN 4800 (Signature Work) in the same semester.

Music

Professor: Karen W. Buckland (Chair), A. Christian Elser, Richard B. Thomas

Assistant Professor: Giovanni Briguente

Information for Music Majors:

- Must register for MUSC 1000 (0 cr hrs) every term and earn a minimum of six satisfactory grades.
- Taking MUSC 1100 to complete the Fine Arts General Education requirement and MUSC 1151 as part of the Inter-cultural/Internship General Education requirement is strongly encouraged for all music majors.
- Take diagnostic tests in keyboard skills and music theory prior to beginning coursework in music (before or during the first week of fall term).
- Private lessons require the payment of an additional fee (see section on fees).
- A Second-Year Performance Review is required, normally at the end of the sophomore year.
- A Third-Year Written Review is required, normally at the end of the junior year, in Music Theory and Music History.
- The use of and familiarity with music technology is addressed in several classes. Majors are encouraged to take MUSC 3701 if time and schedule allow.

Requirements for the Major in Music

Courses required for major	S.H.	Courses required for major	S.H.
MUSC 1000 Recital Attendance (6 satisfactory terms)	0	Select 1 of the following large ensembles (6 satisfactory terms):	
MUSC 1201 Theory I	3	MUSC 1600 PC Choir	6
MUSC 1202 Musicianship Skills I	1	MUSC 1650 Wind Ensemble	6
MUSC 1203 Theory II	3	MUSC 1690 Chamber Orchestra	6
MUSC 1204 Musicianship Skills II	1		
MUSC 1551 Applied Lesson-Major	1	6 hours of electives at the 3000-level or above:	
MUSC 1552 Applied Lesson-Major	1	MUSC	
MUSC 2201 Theory III	3	MUSC	
MUSC 2202 Musicianship Skills III	1	MUSC	
MUSC 2203 Theory IV	3		
MUSC 2204 Musicianship Skills IV	1	Second Year Performance Review	
MUSC 2551 Applied Lesson-Major	1	Third Year Written Review	
MUSC 2552 Applied Lesson-Major	1		
MUSC 2701 Advanced Functional Keyboard Skills	1		
MUSC 3301 History & Literature of Music I	3		
MUSC 3302 History & Literature of Music II	3		
MUSC 3551 Applied Lesson-Major	1		
MUSC 3552 Applied Lesson-Major	1		
MUSC 4551 Applied Lesson-Major	1		
MUSC 4790 Senior Capstone in Music	2		
		Total Hours Required	44

Physics

Professor: James A. Wanliss (Chair)

Associate Professor: Eli T. Owens

Lecturers: Joshua Hoffbauer, John Edwards

Requirements for the Major in Medical Physics

Courses required for major	S.H.	Courses required for major	S.H.
PHYS 1500 General Physics I OR PHYS 1600 Physics I with Calculus	4	BIOL 1150/1150L Biological Concepts	3,1
¹ PHYS 1610 Physics II with Calculus	4	² BIOL 1151/1151L Organismal Bio	3,1
PHYS 2100 Physics III with Calculus	4	BIOL 3110/3110L Physiology	3,1
PHYS 2900 Advanced Dynamics	3	CHEM 101/101L General Chemistry I	3,1
PHYS 3200 Electricity and Magnetism I	3	³ CHEM 102/102L Gen Chemistry II	3,1
PHYS 4000 Advanced Physics Laboratory	2	CHEM 221/221L Organic Chemistry I	3,1
PHYS 4100 Quantum Mechanics	3	CHEM 222/222L Organic Chemistry II	3,1
PHYS 4200 Nuclear Physics	3	MATH 201 Calculus I & Analytic Geometry	3
PHYS 4200 Nuclear Physics	3	MATH 202 Calculus II	3
		MATH 301 Calculus III	3
		MATH 302 Calculus IV	3
		MATH 401 Differential Equations	3
		Total Hours Required	69

¹ If a student has taken general physics 1500 or physics with calculus 1600 from PC, or its equivalent at another school, before declaring the medical physics major, s/he must pass a qualifying examination given by the physics department. A grade of 'C-' or higher in PHYS 1500 or its approved equivalent course is required to enroll in PHYS 1610. A grade of 'C-' or higher in PHYS 1610 or its approved equivalent is required to enroll in any upper division physics course and the student must pass a qualifying examination given by the physics department.

² All students should take BIOL 1151-1151L. A grade of 'C-' or higher in BIOL 1151-1151L or its approved equivalent is required to enroll in any upper division biology course.

³ All students must complete the American Chemical Society General Chemistry Exam with a grade of 60% or higher to receive credit for Chemistry 102.

Requirements for the Major in Physics

Courses required for major	S.H.	Courses required for major	S.H.
CHEM 101/101L General Chemistry I	3,1	Select 3 hours from the following:	
CHEM 102/102L General Chemistry II	3,1	CSC 1235 Intro to Computer Science	3
MATH 201 Calculus I and Analytic Geometry	3	CSC 2100 Computing Methods for Science/Math	3
MATH 202 Calculus II	3		
MATH 301 Calculus III	3	Select 6 hours of Physics electives at 2500-level or above:	
MATH 302 Calculus IV	3	PHYS	3
MATH 401 Differential Equations	3	PHYS	3
PHYS 1500 General Physics I OR PHYS 1600 Physics I with Calculus	4		
¹ PHYS 1610 Physics II with Calculus	4		
PHYS 2100 Physics III with Calculus	4		
PHYS 2900 Advanced Dynamics	3		
PHYS 3100 Heat and Thermodynamics	3		
PHYS 3200 Electricity and Magnetism I	3		
PHYS 4000 Advanced Physics Laboratory	2		
PHYS 4100 Quantum Mechanics	3		
		Total Hours Required	58

¹If a student has taken general physics 1500 or physics with calculus 1600 from PC, or its equivalent at another school, before declaring the physics major, s/he must pass a qualifying examination given by the physics department. A grade of 'C-' or higher in PHYS 1500 or its approved equivalent course is required to enroll in PHYS 1610. A grade of 'C-' or higher in PHYS 1610 or its approved equivalent is required to enroll in any upper division physics course and the student must pass a qualifying examination given by the physics department.

Political Science

Professors: Z. David Liu (Chair), Donald R. Raber

Associate Professors: D. Benjamin Bailey, Justin E. Lance, Erin S. McAdams

Requirements for the Major in Political Science

Courses required for major	S.H.	Courses required for major	S.H.
PLSC 201 Introduction to Political Science	3	Select 3 hours from Intl Relations/ Comparative Politics courses:	
PLSC 202 Introduction to American Government	3	PLSC 331 International Relations	3
PLSC/SOC 205 Research Meth & Analysis	3	PLSC 332 American Foreign Policy	3
PLSC 440 Senior Capstone in Political Science	3	PLSC 339 U.S. Cuban Relations	3
		PLSC/ECON 341 Intl Political Economy	3
Select 3 hours from American Politics courses:		PLSC 342 International Organizations	3
PLSC 301 African-Americans/the Pol System	3	PLSC/ECON 350 Comparative Pol. Economy	3
PLSC 304/PRLW 3040 U.S. Constitutional Law: Government Powers	3	PLSC 352 Politics of Modern China and Asia	3
		PLSC 355 Russia and Eastern Europe	3
PLSC 305/ PRLW 3050 U.S. Constitutional Law: Civil Rights and Liberties	3	PLSC 361 African Politics	3
		PLSC 362 Modern Latin American Politics	3
PLSC 306 Parties/Political Behavior in America	3	PLSC/SOC 370	3
PLSC 307 Intro to Public Administration	3	PLSC 380 Politics of the European Union	3
PLSC 309 Intro to Public Policy	3	PLSC 387 Middle East Politics	3
PLSC 311 Elections and Campaign	3		
PLSC 312 Politics and the Media	3	Select 12 hours from Political Science electives:	
PLSC 313 The American Presidency	3	PLSC	3
PLSC 314 Congress/Legislative Process	3	PLSC	3
PLSC 316 State and Local Politics	3	PLSC	3
PLSC 317 Interest Groups and Lobbying	3	PLSC	3
PLSC 319 Southern Politics	3		
PLSC/RELG 320 Religion and Politics in US	3		
PLSC/WGST 300 Women in US Politics	3		
PLSC/ENVI 328 Envir Politics & Policy	3		
PLSC/PUBH 329 Public Health(care) Policy	3		
Select 3 hours from Political Theory courses:			
PLSC 322 American Political Thought	3		
PLSC/PHIL 324 Classical Political Thought	3		
PLSC/PHIL 326 Modern Political Thought	3		
PLSC/PHIL 327 Contemporary Political Thought	3	Total Hours Required	33

Psychology

Professors: J. Alicia Askew, Brooke C. Spatta (Chair)

Associate Professors: Kate G. Anderson, Sarah C. Burns

Assistant Professors: Drew S. Brandel, Stephanie D. Freis

Requirements for the Major in Psychology

Courses required for major	S.H.	Courses required for major	S.H.
PSYCHOLOGY CORE COURSES		ADVANCED TOPICS COURSES (Select one)	
PSYC 1001 Introductory Psychology	3	PSYC 3010 Principles & Procedures of Counseling	3
PSYC 1002 Psychological Literacy	3	PSYC 3020 Sensation & Perception	3
PSYC 2001 Research Meth & Stat I	3	PSYC 3030 Cognitive Psychology	3
PSYC 2002 Research Meth & Stat II	3	PSYC 3040 Psychology of Sex & Gender	3
PSYC 4000 Psychology Capstone	3	PSYC 3050 Stereotypes, Prejudice & Discrimination	3
FOUNDATIONAL COURSES		PSYCHOLOGY ELECTIVES	
PSYC 2010 Psychopathology	3	PSYC 2000+ Elective	3
PSYC 2020 Biological Basis of Behavior	3	PSYC 2000+ Elective	3
PSYC 2030 Learning and Memory	3		
PSYC 2040 Lifespan Development	3		
PSYC 2050/ SOC 312 Social Psychology	3		
		Total Hours Required	39

¹The advisor will work closely with the student to plan a program consistent with career intentions. Several examples to consider are: Psychology, Student Services, Social Work, Speech Pathology, Public Relations and Advertising, Counseling, and Human Resources.

² PSYC 444 and 448 are highly recommended for students who qualify.

Religion and Philosophy

Professors: Robert A. Bryant, Kirk J. Nolan, James J. Thompson, Craig A. Vondergeest (Chair)

Associate Professors: Julie M. Meadows

Requirements for the Major in Religion and Philosophy

Courses required for major	S.H.	Courses required for major	S.H.
RELG/PHIL 340 Approaches to Study of Religion	3	Select 27 hours of Electives in Religion, Philosophy, or other designated courses with substantial content in Religion or Philosophy:	
RELG/PHIL 440 Capstone in Religion & Philosophy	3		3
			3
			3
			3
			3
			3
			3
		Total Hours Required	33

Note: Students may major in either Religion and Philosophy or Religion-LSM, but not both.

Requirements for the Major in Religion and Philosophy-Christian Studies Concentration

Courses required for major	S.H.	Courses required for major	S.H.
PHIL 301 Classical Greek Philosophy	3	Select 12 hours of Electives from Religion, Philosophy, or other approved courses:	
RELG 302 Christian Doctrine	3		3
RELG 310 World Religions	3		3
RELG/PHIL 340 Approaches to Study of Religion	3		3
RELG 440 Capstone in Religion and Philosophy	3		3
Select 3 hours from Old Testament or New Testament courses taught at 200-level or above:			
RELG	3		
Select 3 hours from Church History or Mission courses taught at 200-level or above:			
RELG	3		
		Total Hours Required	33

Requirements for the Major in Religion and Philosophy-Religious Studies Concentration

Courses required for major	S.H.	Courses required for major	S.H.
PSYC 2050/SOC 312 Social Psychology	3	Select 3 hours in the area of Social Sciences from the list below:	
RELG 200 Religion and Human Experience	3	PSYC 2060 History of Psychology	3
RELG 310 World Religions	3	PSYC 4008 Research in Psychology	3
RELG/PHIL 340 Approaches to Study of Religion	3	SOC 207 Introduction to Anthropology	3
RELG 355/HIST 3244 Religion in America	3	SOC 311 Sociological Theory/Social Policy	3
RELG 440 Capstone in Religion and Philosophy	3	SOC 366 Social Movements	3
		SOC 423 Research Methods	3
Select 15 hours of Electives from Religion, Philosophy, or other approved courses. These electives may be chosen from the courses in Social Sciences.		SOC 424 Field Inquiry in Sociology	3
	3	Other approved course in social sciences	3
	3		
	3		
	3		
	3		
		Total Hours Required	36

Requirements for the Major in Religion and Philosophy-Philosophy Concentration

Courses required for major	S.H.	Courses required for major	S.H.
PHIL 205 Logic	3	Select 3 hours in Ethics from the list below:	
PHIL/RELG 340 Approaches to Study of Religion	3	PHIL 314 Professional Ethics	3
PHIL 440 Capstone in Religion and Philosophy	3	PHIL 315 Medical Ethics	3
		PHIL/BADM 316 Business Ethics	3
Select 6 hours in the History of Philosophy from the list below:		PHIL 317 Environmental Ethics	3
PHIL 301 Classical Greek Philosophy	3	Other approved 300- or 400-level course	3
PHIL 304 Early Modern Philosophy	3		
PHIL/PLSC 324 Classical Political Thought	3	Select 15 hours of Electives in Religion, Philosophy, or other approved courses with substantial philosophical content. These electives may be chosen from the courses in History and Ethics.	
PHIL/PLSC 325 Modern Political Thought	3		3
PHIL/PLSC 326 Contemporary Political Thought	3		3
PHIL 333 Classical Indian Philosophy	3		3
PHIL 361/HIST 3610 History/Phil of Trad China	3		3
Other approved 300- or 400-level course	3		3
		Total Hours Required	33

Religion – Leadership, Service and Ministry

Professors: Robert A. Bryant, Kirk J. Nolan, James J. Thompson, Craig A. Vondergeest (Chair)

Associate Professor: Julie M. Meadows

Requirements for the Major in Religion – Leadership, Service and Ministry

Courses required for major	S.H.	Courses required for major	S.H.
PHIL 314 Professional Ethics	3	Select one course in Leadership, Service and Ministry	
RELG 210 The Old Testament	3	RELG 301 Introduction to Christian Education	3
RELG 212 The New Testament	3	Other Approved Course	3
RELG 340 Approaches to the Study of Religion	3		
RLSM 301 Intro to Leadership, Service, Ministry	3	Select two courses in Social Analysis and Engagement	
RLSM 310 Leading Diverse Communities	1	PHIL 317 Environmental Ethics	3
RLSM 311 Community Impact	3	PLSC/ENVI 328 Environment Politics & Policy	3
RLSM 440 Capstone in Leadership, Service, Ministry	3	PLSC/SOC 370 Politics of the Developing World	3
RLSM 444 Internship in Community Impact	1-3	RELG/PLSC 320 Religion & Politics in the US	3
		SOC 206 Social Problems	3
Select one course in Bible		SOC 362 Social Inequality	3
RELG 312 Women in the Bible	3	SOC 366 Social Movements	3
RELG 313 Prophets	3	THEA 3000 Theatre for Social Change	3
RELG 333 Apocalypticism to Extremism	3	Other Approved Course	3
RELG 343 Contemporary Use of the Bible	3		
Other Approved Course	3	Select one course in Rhetoric and Communication	
		ARTH 311 Word and Image	3
Select one course in Theology and Ethics		BADM 307 Marketing	3
RELG/ENVI 318 Wilderness	3	COMM 2200 Communicating Citizenship	3
RELG 418 Bonhoeffer Theology and Ethics	3	COMM 3110 Visual Rhetoric	3
RELG 420 Virtue and Vice	3	COMM 3410 The Public Sphere	3
Other Approved Course	3	FREN 2002 Culture and Communication	3
		SPAN 2002 Culture and Communication	3
Select one course in Religion and Culture		PHIL 205 Logic	3
PHIL 309 Hellenistic and Roman Philosophy	3	PLSC 312 Politics and the Media	3
RELG 215 Eat, Pray, Love	3	RELG 203 Religion and Film	3
RELG 220 International Mission	3	RELG/COMM 3420 Rhetoric and Religion	3
RELG 310 World Religions	3		
RELG 355/HIST 3244 Religion in America	3		
RELG 357/HIST 3441 History of Christianity	3		
Other Approved Course	3		
		Total Hours Required	44-46

Sociology

Professor: Carla H. Alphonso (Chair)

Requirements for the Major in Sociology

Courses required for major	S.H.	Courses required for major	S.H.
SOC 201 Introductory Sociology	3	Select 3 hours from the following:	
SOC/PLSC 205 Research Methods & Analysis	3	SOC 310 Urban Sociology	3
SOC 311 Sociological Theory & Social Policy	3	SOC 325 Soc. Of Aging & the Life Course	3
SOC 424 Field Inquiry in Sociology	3	SOC 360 World Population Issues	3
		SOC 366 Social Movements	3
Select 12 hours of Sociology electives:			
SOC	3	Select 3 hours from the following:	
SOC	3	SOC 303 Sociology of the Contemporary South	3
SOC	3	SOC 362 Social Inequality	3
SOC	3	SOC 363 The Sociology of Gender	3
		SOC 364 Race and Ethnic Relations	3
		SOC/PLSC 370 Politics of Developing World	3
		A paper portfolio containing 3 papers at least 1 of which must be a research paper with data analysis and at least 1 must present different viewpoints on various issues.	
		Total Hours Required	30

Spanish

Professors: Mark R. Cox, Sharon E. Knight (Chair)

Requirements for the Major in Spanish

Courses required for major	S.H.
SPAN 2001 Intermediate Spanish	3
SPAN 2002 Culture and Communication	3
SPAN 3001 Spanish Composition and Conversation I OR SPAN 3002 Spanish Composition and Conversation II	3
SPAN 4800 Signature Work	1
Select 6 hours of Spanish literature courses:	
SPAN	3
SPAN	3
Select 12 hours of Spanish electives:	
SPAN	3
Total Hours Required	28

1. Students taking SPAN 4003 (Honors Research) must register for SPAN 4800 (Signature Work) in the same semester.
2. Spanish courses taken in a study abroad program may be substituted for some of the above courses, subject to approval by the department. A summer or study abroad experience in a Spanish-speaking country is recommended for all majors.

Minors

Requirements for a Minor

A minor in a field of study may be obtained by successfully completing at least 15 hours of work to be selected at the discretion of the adviser and the student after consultation with the chair of the department in which the minor is selected. The department may specify additional requirements for a minor. Completing a minor is not required for the completion of a bachelors degree at PC.

Courses in the student's minor field normally must be passed with a minimum grade of "C." One grade of "D" on minor department work may be allowed. However, each department may specify certain courses for a minimum performance of "C" and students must attain an overall average of "C" or better on all work presented for the minor. A minimum of one half of the hours required for a minor must be taken at Presbyterian College.

Any substitutions to the requirements of a student's minor program of study must be approved by the Provost prior to completion of the amended requirement.

Student Designed Interdepartmental Minor

The student-designed minor crosses the traditional divisions of academics study by including courses in different divisions and departments unified by a methodology and culminating in a capstone project that integrates the student's previous course-work. A student with a well-conceived academic objectives that cannot be achieved with an existing major or minor is eligible to apply to create a self-designed, interdisciplinary minor. At least 21 and no more than 24 credit hours, the Student-designed Minor (SD) at PC will be developed with a faculty member (who would serve as the minor advisor) and approved by the college's Curriculum Committee. The SD minor must match the rigor and scope of existing minor programs and create a plan of study that crosses at least two academic divisions and three departments to synthesize multiple bodies of knowledge. The SD minor will culminate in a 1-3 hour directed study with the minor advisor that will include an integrating practicum experience, project, or paper planned by the student. No more than two classes may overlap between the minor program and a student's major. This option would be limited to students who maintain a cumulative 3.0 GPA and is designed for students whose academic interests are not met by the minor programs currently available. Proposals may be submitted after 45 credit hours have been earned; proposals submitted after 90 credit hours will not be reviewed.

Minors

Accounting	Latin American Studies
Africana Studies	Marine Studies
Art	Mathematics
Art History	Media Studies- Business Concentration
Athletic Coaching	Media Studies- Journalism and Communication
Biology	Military Science
Business Administration	Music
Chemistry	Philosophy
Chinese Studies	Physics
Computational Biology	Political Science
Computer Science	Pre-Law Studies
Creative Writing	Programming, Web and App Development
Data Analytics	Psychology
Economics	Public Health
Education- Secondary	Religion
English	Sociology
Environmental Studies	Southern Studies
French	Spanish
History	Women's and Gender Studies
International Studies	
The Student-Designed Interdepartmental Minor is an additional option to the minors listed.	

Accounting

Associate Professor: Karen B. Mattison (Director)

Lecturer: Cathy Howe

Requirements for the Minor in Accounting

Courses required for minor	S.H.
ACCT 203 Principles Financial Accounting	3
ACCT 311 Intermediate Accounting I	3
ACCT 312 Intermediate Accounting II	3
ACCT 328 Cost & Managerial Accounting	3
BADM 101 Quantitative Skills	3
Select 6 hours of Accounting electives from the following:	
ACCT 313 Intermediate Accounting III	3
ACCT 335 Advanced Accounting	3
ACCT 336 Auditing	3
ACCT 338 Government/Not-for-Profit Acct	3
ACCT 340 Federal Income Taxation	3
ACCT 342 Accounting Information Systems	3
Total Hours Required	21

Note: See also major in Business Administration: Accounting Concentration

Africana Studies

Requirements for the Minor in Africana Studies

Courses required for minor	S.H.
Select 18 hours from the following:	
AFST 201 Intro. To Africana Studies	3
AFST 458 Special Topics	1-4
ARTH 246 African-American Art and Culture	3
ENGL 2205 African American Literature	3
PLSC 301 African-Americans and the Political System	3
PLSC 361 African Politics	3
PLSC/SOC 370 3rd World Underdev./Politics	3
PSYC 2050/SOC 312 Social Psychology	3
SOC 362 Social Inequality	3
SOC 364 Race/Ethnic Relations	3
SOC 366 Social Movements	3
THEA 2103 African American Theatre	3
Total Hours Required	18

Art

Professors: Mark R. Anderson (Chair-Fall), Laura J. Crary (Chair-Spring), Ralph H. Paquin

Requirements for the Minor in Art

Courses required for minor	S.H.
ART 110 Studio Foundation: Drawing	3
ART 120 Studio Foundation: 2-D	3
ART 122 Studio Foundation: 3-D	3
Select 9 hours of Art electives from the following:	
ART 230 Painting I	3
ART 240 Sculpture	3
ART 242 Ceramics I	3
ART 260 Printmaking I	3
ART 310 Life Drawing	3
ART 336 Painting II	3
Note: The department reserves the right to retain at least one example of a student's work for its permanent exhibitions, with student's approval.	
Total Hours Required	18

Art History

Professor: Laura J. Crary (Director)

Requirements for the Minor in Art History

Courses required for minor	S.H.
ARTH 110 Survey of Western Art I	3
ARTH 120 Survey of Western Art II	3
Select 12 hours from the following:	
ARTH 210 Medieval Art and Architecture	3
ARTH 220 Art in Italy, 1400-1700	3
ARTH 221 Art in Northern Europe, 1400-1700	3
ARTH 230 Art in Europe, 1700-1850	3
ARTH 240 Art in Europe, 1850-1950	3
ARTH 245 Art in the United States, 1900 to Present	3
ARTH 246 African-American Art and Culture	3
ARTH 257 Gender and Art	3
ARTH 258 Special Topics	3
ARTH 310 Modern Art Theory and Criticism	3
ARTH 311 Word and Image	3
ARTH 320 Topics in Latin American Art	3
ARTH 410 Contemporary Art: Theory and Practices	3
ARTH 458 Special Topics	3
Total Hours Required	18

Athletic Coaching

Requirements for the Minor in Athletic Coaching

Courses required for minor	S.H.
PHED 305 Coaching Principles	3
PHED 306 Organization/Admin of PHED/Athletic	3
PHED 316 Exercise/Sports Physiology	3
PHED 385 Basic Athletic Training	3
Select 6 hours of Physical Education electives at or above 200-level:	
PHED	3
PHED	3
Total Hours Required	18

Biology

Professors: Stuart G. Gordon (Chair), Michael O. Rischbieter, James T. Wetzel, Ronald J.C. Zimmerman

Associate Professor: Austin Y. Shull

Assistant Professor: Marharyta Petukh

Requirements for the Minor in Biology

Courses required for major	S.H.
BIOL 1150/1150L Biological Concepts	3,1
**BIOL 1151/1151L Organismal Biology	3,1
**All students should take BIOL 1151-1151L. A grade of 'C-' or higher in BIOL 1151-1151L or its approved equivalent is required to enroll in any upper division biology course.	
Select 11 hours of Biology electives at or above 2000-level (excluding BIOL 3990):	
BIOL	
BIOL	
BIOL	
BIOL	
Total Hours Required	19

Business Administration

Professors: Kerry E. Pannell, Jerry K. Slice, Suzanne J. Smith

Associate Professors: Rachel G. Childers, Karen B. Mattison, J. Tobin Turner (Chair), James T. Allen

Assistant Professors: Kurt Gleichauf

Requirements for the Minor in Business Administration

Courses required for minor	S.H.
ACCT 203 Principles Financial Accounting	3
BADM 101 Quantitative Skills	3
ECON 206 Principles of Macroeconomics	3
ECON 205 Principles of Microeconomics	3
Select 9 hours of Business Administration electives at or above 300-level:	
BADM	3
BADM	3
BADM	3
Total Hours Required	21

Chemistry

Professors: Latha A. Gearheart, A. Craig Powell

Associate Professors: Walter R. Ott, Evelyn J. Swain (Chair)

Assistant Professors: Caleb J. Tatebe, Lacie Kimberly De La Cruz

Requirements for the Minor in Chemistry

Courses required for minor	S.H.
CHEM 101, 101L General Chemistry I	3,1
¹ CHEM 102, 102L General Chemistry II	3,1
CHEM 221, 221L Organic Chemistry I	3,1
CHEM 222, 222L Organic Chemistry II	3,1
Select a minimum of 3 hours from the following:	
BCHE 307, 307L Biochemistry I	3,1
CHEM 311 Quantitative Analysis	4
CHEM 322, 322L Inorganic Chemistry	3,1
CHEM 332 Advanced Organic Chem.	5
CHEM 342 Spectroscopy	4
CHEM 345 Forensic Science	3
CHEM 352 Chemistry and Art	4
CHEM 401, 401L Physical Chemistry	3,1
CHEM 402, 402L Physical Chemistry II	3,1
CHEM/BCHE 458 Special Topics	3-4
Total Hours Required	19-21

¹ All students must complete the American Chemical Society General Chemistry Exam with a grade of 60% or higher to receive credit for Chemistry 102.

Chinese Studies

Professors: Roy B. Campbell (Director), Z. David Liu

Visiting Instructor: Jing Jing Li

Requirements for the Minor in Chinese Studies

Courses required for minor	S.H.
CHIN 201 Intermediate Chinese I	3
Select 15 hours from the following: (at least one course must be taken from each department)	
CHIN 202 Intermediate Chinese II	3
CHIN 301 Chinese Comp and Conversation I	3
CHIN 302 Chinese Comp and Conversation II	3
CHIN 341 Business Chinese I	3
CHIN 401 Advanced Chinese I	3
CHIN 402 Advanced Chinese II	3
Any Chinese Studies course	3
HIST 3610/PHIL 361 History & Philosophy of Traditional China	3
HIST 3611 Modern China and East Asia	3
HIST 3640 Family & Gender in Chinese History	3
PLSC 352 Politics of Modern China and Asia	3
Total Hours Required	18

Computational Biology

Professor: Stuart G. Gordon (Director)

Associate Professor: Austin Y. Shull

Assistant Professor: Marharyta Petukh

Requirements for the Minor in Computational Biology

Courses required for minor	S.H.
BIOL 1150, 1150L Biological Concepts	3,1
¹ BIOL 1151, 1151L Organismal Biology	3,1
BIOL 2340 Genetics	4
BIOL 3360 Bioinformatics	3
CBIO 3370 Bioinformatics Algorithms	3
Select one Elective from the following:	
BADM 371 Intro to Analytics	3
MATH 210 Data Analysis & Statistical Computing I	3
PHYS 3900 Data Analytics and Numerical Modeling	3
Total Hours Required	21

¹All students should take BIOL 1151-1151L. A grade of 'C-' or higher in BIOL 1151-1151L or its approved equivalent is required to enroll in any upper division biology course.

Computer Science

Professor: Gregory Goeckel (Chair)

Assistant Professor: Olivia M. Nche

Requirements for the Minor in Computer Science

Courses required for minor	S.H.
CSC 1235 Introduction to Computer Science	3
¹ CSC 2205 Program Design I	3
¹ CSC 2255 Program Design II	3
Select at least 9 hours of Computer Science electives:	
CSC	3
CSC	3
CSC	
Total Hours Required	18

¹Students must make a 'C-' or higher.

Creative Writing

Professors: G. Terry Barr, J. Justin Brent, Miriam L. Ragland, Robert E. Stutts (Director)

Requirements for the Minor in Creative Writing

Courses required for minor	S.H.
CRWR 4000 Adv Creative Writing Workshop	3
CRWR 4100 Creative Writing: Senior Portfolio	3
ENGL 1002 Introduction to Literature	3
Select 3 hours from Creative Writing workshop courses:	
CRWR 2100 Creative Writing: Poetry	3
CRWR 2200 Creative Writing: Fiction	3
CRWR 2300 Creative Writing: Creative Nonfiction	3
CRWR 2400 Topics in Creating Writing	3
Select 6 hours from the following (if not selected above):	
COMM 3310 Writing for Mass Media	3
COMM 3430 Health Communication	3
CRWR 2100 Creative Writing: Poetry	3
CRWR 2200 Creative Writing: Fiction	3
CRWR 2300 Creative Writing: Creative Nonfiction	3
CRWR 2400 Topics in Creative Writing	3
CRWR 2500 Special Topics	3
CRWR 4005 Directed Studies	3
CRWR 4007 Internships	1-4
ENGL 2101 Studies in Linguistics	3
ENGL 3650 Advanced Writing	3
MDST 230 Intro to Media Studies	3
THEA 2301 Documentary Theatre	3
THEA 3000 Theatre for Social Change	3
Appropriate courses as approved by creative writing director	
Total Hours Required	18

Data Analytics

Professors: C. Clinton Harshaw, Suzanne J. Smith

Associate Professor: J. Tobin Turner (Director)

Requirements for the Minor in Data Analytics

Courses required for minor	S.H.
BADM 101 Quantitative Skills	3
BADM 371 Intro to Analytics	3
BADM 372 Applied Analytics	3
BADM 373 Data Visualization	3
BADM 374 Analytics Capstone	3
Select one from the following:	
BIOL 3360 Bioinformatics	3
CSC 2205 Program Design I	3
MATH 210 Data Analysis & Statistical Comp I	3
PLSC/SOC 205 Research Methods & Analysis	3
STAT 319 Business Statistics	4
Other course approved by department chair	
Total Hours Required	18

Economics

Professors: Kerry E. Pannell, Jerry K. Slice (Director), Suzanne J. Smith

Associate Professors: Rachel G. Childers, Karen B. Mattison, J. Tobin Turner (Chair)

Assistant Professor: Kurt Gleichauf

Requirements for the Minor in Economics

Courses required for minor	S.H.
BADM 101 Quantitative Skills	3
ECON 206 Principles of Macroeconomics	3
ECON 205 Principles of Microeconomics	3
ECON 310 Intermediate Microeconomic Theory	3
ECON 330 Intermediate Macroeconomic Theory	3
Select 6 hours of Economics electives at or above 300-level:	
ECON	3
ECON	3
Total Hours Required	21

English

Professors: G. Terry Barr, J. Justin Brent, Lynne M. Simpson (Chair), H. Dean Thompson, Robert E. Stutts

Associate Professors: Kendra Y. Hamilton, Emily L. Taylor

Assistant Professor: Philip Perdue

Requirements for the Minor in English

Courses required for minor	S.H.
ENGL 1001 Introduction to Composition	3
ENGL 1002 Introduction to Literature	3
Select 3 hours from the following survey courses:	
ENGL 2201 Survey of British Literature I	3
ENGL 2202 Survey of British Literature II	3
ENGL 2203 Survey of American Literature I	3
ENGL 2204 Survey of American Literature II	3
ENGL 2205 Survey of African-American Literature	3
ENGL 2206 Survey of World Literature in Translation	3
ENGL 2207 Survey of World Literature in English	3
ENGL 2208 Survey of World Cinema	3
Select 3 hours from 3000-level Literature courses:	
ENGL	3
Select 6 hours of Electives chosen from COMM, CRWR, ENGL, or MDST 230:	
	3
	3
Total Hours Required	18

Environmental Studies

Professors: Robert A. Bryant, Jerry K. Slice, James J. Thompson, James G. Wetzel (Director)

Associate Professors: Erin S. McAdams, Julia Wilkins

Requirements for the Minor in Environmental Studies

Courses required for minor	S.H.
BIOL 1150/1150L Biological Concepts/Lab	3,1
BIOL 1151/1151L Organismal Biology/Lab	3,1
BIOL /ENVI 2150 Environmental Science	4
Select 4 hours from the following:	
BIOL/ENVI 2010 Invertebrate Zoology	4
BIOL/ENVI 2030 Introductory Botany	4
BIOL/ENVI 2060 Plant Systematics	4
BIOL/ENVI 2070 Biogeography	4
BIOL/ENVI 3040 Developmental Biology	4
BIOL/ENVI 3140 Ecology	4
BIOL/ENVI 2070 Biogeography	4
BIOL/ENVI 3040 Developmental Biology	4
BIOL/ENVI 3140 Ecology	4
Select 3 hours from the following:	
ECON 306 Environmental Economics	3
ENVI/RELG 318 Wilderness	3
ENVI 442 Directed Study	3
ENVI 458 Special Topics	3
PHIL 317 Environmental Ethics	3
SOC 360 World Population Issues	3
Select 1-4 hours from the following:	
ENVI 444 Internship	1-4
ENVI 446 Readings	1-4
ENVI 448 Research	1-4
ENVI 450 Seminar	1-4
ENVI 452 Special Projects	1-4
Other appropriate course as approved by environmental studies advisor	
Total Hours Required	20-23

French

Professor: Patrick D. Kiley (Director)

Requirements for the Minor in French

Courses required for minor	S.H.
Select 18 hours of French courses at 2000-level or above:	
FREN	3
Total Hours Required	18

¹ One semester or junior year of study abroad in France is recommended for all minors.

² Students who exempt 2001 or above as a result of placement will be required to complete additional electives to achieve the minimum number of hours for the minor.

History

Professors: Roy B. Campbell, Richard R. Heiser, Michael A. Nelson, Stefan W. Wiecki

Associate Professor: William J. Harris, Jaclyn A. Sumner (Chair)

Requirements for the Minor in History

Courses required for minor	S.H.
Select 18 hours of History courses at 2000-level or above:	
HIST	3
Total Hours Required	18

International Studies

Professors: Roy B. Campbell, Patrick D. Kiley (Director), Suzanne J. Smith, Stefan W. Wiecki

Associate Professors: Justin E. Lance, Emily L. Taylor

Requirements for the Minor in International Studies

Courses required for minor	S.H.
One (1) Modern Foreign Language course (3 hours) above 2001-level:	
Chinese Course _____	3
French Course _____	3
Portuguese Course _____	3
Spanish Course _____	3
A minimum of two (2) courses (6 hours) from one Thematic Specialization area:	
History, Culture and Society ARTH 110, EDUC 202, ENGL 2206, ENGL 2208, FREN 3022, FREN 4000, FREN 4001, FREN 4012, FREN 4013, FREN 4014, FREN 4015, FREN 4016, FREN 3940, GEOG 301, any HIST course outside US at or above 3000-level, LAST/SPAN 318, MUSC 1151, MUSC 3301, MUSC 3302, SOC 310, SOC 360, SPAN 3015, SPAN 3016, SPAN 4021, SPAN 4022, SPAN 4031, SPAN 4032, SPAN 3043	6
International Business BADM 308, ECON 318, ECON 320, ECON 326, ECON/PLSC 341, SPAN 3041	6
International Politics and Diplomacy ECON/PLSC 341, GEOG 301, HIST 3641, LAST/SPAN 3018, PLSC 332	6
A minimum of two (2) courses (6 hours) from one Regional Specialization area:	
Europe and Russia ARTH 110, ARTH 120, ARTH 210, ARTH 220, ARTH 240, ARTH 310, ENGL 2201, ENGL 2202, ENGL 3101, ENGL 3102, ENGL 3110, ENGL 3111, ENGL 3120, ENGL 3131, FREN 3022, FREN 4000, FREN 4001, FREN 4012, FREN 4013, FREN 4014, FREN 4015, FREN 4016, FREN 3940, GEOG 301, HIST 3410, HIST 3411, HIST 3412, HIST 3413, HIST 3414, HIST 3415, HIST 3416, HIST 3440, HIST 3442, HIST 3443, MUSC 1151, MUSC 3301, MUSC 3302, PLSC 355, PLSC 380, SPAN 4000, SPAN 3015, SPAN 4021, SPAN 4022, SPAN 3041	6
Africa ENGL 3371, ENGL 3520, MUSC 1151, RELG 310, SOC 360	6
Asia and the Pacific ENGL 2208, ENGL 3371, ENGL 3520, HIST 3610/PHIL 361, HIST 3611, HIST 3612, HIST 3640, MUSC 1151, RELG 310, SOC 360	6
Europe and Russia ARTH 110, ARTH 120, ARTH 210, ARTH 220, ARTH 240, ARTH 310, ENGL 2201, ENGL 2202, ENGL 3101, ENGL 3102, ENGL 3110, ENGL 3111, ENGL 3120, ENGL 3131, FREN 3022, FREN 4000, FREN 4001, FREN 4012, FREN 4013, FREN 4014, FREN 4015, FREN 4016, FREN 3940, GEOG 301, HIST 3410, HIST 3411, HIST 3412, HIST 3413, HIST 3414, HIST 3415, HIST 3416, HIST 3440, HIST 3442, HIST 3443, MUSC 1151, MUSC 3301, MUSC 3302, PLSC 355, PLSC 380, SPAN 4000, SPAN 3015, SPAN 4021, SPAN 4022, SPAN 3041	6
Middle East ENGL 3371, HIST 3613, HIST 3441/RELG 357, MUSC 1151, PLSC 387, RELG 310	6
Latin America and the Caribbean ARTH 320, HIST 3615, HIST 3616, HIST 3642, LAST/SPAN 3018, LAST/SPAN 3035, MUSC 1151, PLSC/SOC 370, SPAN 3016, SPAN 4031, SPAN 3034, SPAN 3041	6
A minimum of one (1) course (3 hours) from Study Abroad Experience:	3
Total Hours Required	18

¹ No more than 6 hours of coursework can overlap with another single major or minor.

² Students may **NOT** receive both General Education and INTL Studies minor credit for the same course.

³ Study abroad courses on an approved semester or year-long program through PC may be applied to thematic specialization, regional specialization or the study abroad experience.

Latin American Studies

Professor: Mark R. Cox (Director)

Associate Professors: Laura J. Crary, Justin E. Lance, Jaclyn A. Sumner, Emily L. Taylor

Requirements for the Minor in Latin American Studies

Courses required for minor	S.H.
LAST/SPAN 3035 Intro. To Latin American Studies	3
Select 15 hours from the following:	
ARTH 320 Topics in Latin American Art	3
LAST/SPAN 3018 Pol Viol/Culture in Latin Amer	3
LAST/SPAN 3050 Latin American Cinema	3
PLSC 362 Modern Latin American Politics	3
PLSC/SOC 370 3rd World Underdev/Politics	3
SPAN 3016 Latin American Civilization	3
SPAN 4031 Early Modern Spanish-American Literature	3
SPAN 4032 Contemporary Spanish-American Literature	3
Study Abroad	1-6
Total Hours Required	18

Marine Studies

Professor: James T. Wetzel (Director)

Requirements for the Minor in Marine Studies

Courses required for minor	S.H.	Courses required for minor	S.H.
GCRL: Marine Science I Oceanography	5	Courses suitable pending committee approval:	
GCRL: Marine Science II Marine Biology	5	BIOL 4002 Special Projects	1-3
		BIOL 4005 Directed Studies	1-3
Select 9 hours from the following:		BIOL 4007 Internship	1-6
BIOL 2010 Invertebrate Zoology	4	BIOL 4008 Research	1-6
GCRL: Barrier Island Ecology	3	BIOL 4009 Special Topics	1-6
GCRL: Coastal Herpetology	3	CHEM 442 Directed Studies	1-3
GCRL: Coastal Ornithology	3	Approved courses taken at Duke Marine Laboratory	
GCRL: Environmental Photography	3	Approved transfer courses taken at PC-affiliate institutions	
GCRL: Ichthyology	6	Marine-related Maymester courses	
GCRL: Marine Aquaculture	6	Research at a specific independent laboratory	
² GCRL: Marine Biology for Teachers	3	Studies at Belle Baruch Marine Lab/Hobcaw Barony	
GCRL: Marine Ecology	6	Research at the Gulf Coast Research Laboratory	
³ GCRL: Marine Embryology	5		
¹ GCRL: Marine Invertebrates	6		
GCRL: Marine Mammals	5		
GCRL: Marine Toxicology	3		
⁴ GCRL: Parasites of Marine Animals	6		
GCRL: Shark Biology	5		
GCRL: Zooplankton Ecology	5		
Total Hours Required			19

¹ May not be used if student has taken BIOL 2010

² May not be used if student has taken BIOL 2160

³ May not be used if student has taken BIOL 3040

⁴ May not be used if student has taken BIOL 2080

Mathematics

Professors: Brian D. Beasley, Douglas S. Daniel(Chair), C. Clinton Harshaw, Kara L. Shavo

Requirements for the Minor in Mathematics

Courses required for minor	S.H.
MATH 201 Calculus I & Analytic Geometry	3
MATH 202 Calculus II	3
¹ MATH 221 Transition to Adv Mathematics	3
MATH 301 Calculus III	3
Select 6 hours of Mathematics electives at or above 300-level:	
MATH	3
MATH	3
Total Hours Required	18

¹ Grade of "C" or better required.

Media Studies

Professors: Mark R. Anderson, G. Terry Barr, J. Justin Brent (Director), Ralph H. Paquin, Jerry K. Slice,
Suzanne J. Smith, Robert E. Stutts, James J. Thompson

Associate Professors: J. Tobin Turner, Emily L. Taylor

Requirements for the Minor in Media Studies: Business Concentration

Courses required for minor	S.H.
ACCT 203 Principles of Financial Accounting	3
BADM 307 Marketing	3
BADM 353 Small Business Management	3
ECON 206 Principles of Macroeconomics	3
MDST 230 Intro to Media Studies	3
MDST 4007 Internship in Media Studies	3-6
Select 3 hours from the following:	
BADM 325 Managerial Communication	3
SPCH 201 Public Speaking	3
Total Hours Required	21-24

Media Studies

Professors: Mark R. Anderson, G. Terry Barr, J. Justin Brent (Director), Ralph H. Paquin, Jerry K. Slice,
 Suzanne J. Smith, Robert E. Stutts, James J. Thompson
Associate Professors: J. Tobin Turner, Emily L. Taylor

Requirements for the Minor in Media Studies: Journalism and Communications Concentration

Courses required for minor	S.H.	Courses required for minor	S.H.
MDST 230 Intro to Media Studies	3	Select 3 hours in Theory from the courses below:	3
MDST 4007 Internship (hours may be divided among 2 or more internships)	3		
		BADM/PHIL 316 Business Ethics	
		ENGL 2103 Intro to Lit Theory/Criticism	
Select 3 hours in Writing from the courses below:	3	PHIL 203 Introduction to Ethics	
		PHIL 205 Logic	
CRWR 2100 Creative Writing: Poetry		PHIL 314 Professional Ethics	
CRWR 2200 Creative Writing: Short Fiction		PLSC 312 Politics and Media	
CRWR 2300 Creative Writing: Creative Nonfiction		WGST 225 Women's and Gender Studies	
CRWR 2400 Creative Writing: Topics in Creative Writing			
CRWR 4000 Advanced Creative Writing Workshop		Select 3 hours in Electives from the courses below:	3
Select 3 hours in Foundation from the courses below:	3	ENGL 2208 Survey of World Cinema	
		ENGL 2301 The Southern Film Experience	
ART 230 Painting I		ENGL 3500 Film and American Culture	
ART 240 Sculpture		ENGL 3510 Silent Film	
ART 260 Printmaking I		ENGL 3511 Film Noir	
BADM 307 Business Law		FREN 3022 Culture and Communication	
BADM/PHIL 316 Business Ethics			
CSC 1235 Introduction to Computer Science			
CSC 3705 3D Modeling and Animation			
CSC 3300 Web Design			
ENGL 2101 Studies in Linguistics			
ENGL 2102 Research Methods			
SPCH 201 Public Speaking			
STAT 319 Business Statistics			
Total Hours Required			18

Military Science and Leadership

Professor of Military Science: Lieutenant Colonel Janet Pete-Fox (Chair)

Senior Military Instructor: Lieutenant Colonel (Ret.) Brian J. Donley

Requirements for the Minor in Military Science

Courses required for minor	S.H.
MILS 301 Adaptive Team Leadership	3
MILS 302 Applied Team Leadership	3
HIST 3243 American Military History	3
Select one course from the following:	
BADM 322/PSYC 2054 Industrial/Organ Psych	3
BADM 325 Managerial Communication	3
CSC 1235 Introduction to Computer Science	3
PHIL 203 Introduction to Ethics	3
Select one course from the following:	
PLSC 201 Introduction to Political Science	3
PLSC 202 Intro to American Government	3
PLSC 332 American Foreign Policy	3
Total Hours Required	15

NOTE: Participation in this minor is contingent upon completion of the ROTC basic courses or equivalent training and acceptance as a contracted student in the Army ROTC Advanced Course.

Music

Professors: Karen W. Buckland (Chair), A. Christian Elser, Richard B. Thomas

Assistant Professor: Giovanni Briguente

Information for Music Minors

- Must register for MUSC 1000 (0hrs) every term and earn a minimum of 4 (S) Satisfactory grades.
- Private lessons require the payment of an additional fee.
- There is not a recital requirement, but minors, with the consent of private applied instructor, are encouraged to perform and supported by the department when they elect to perform a recital. Minors would register for MUSC 3700 in either the junior or senior year.

Requirements for the Minor in Music

Courses required for minor	S.H.
MUSC 1000 Recital Attendance (4 satisfactory terms)	0
MUSC 1100 Music Appreciation	3
MUSC 1201 Theory I	3
MUSC 1202 Musician Skills I	1
MUSC 1203 Theory II	3
MUSC 1204 Musicianship Skills II	1
MUSC 1500 Applied Music (half hour per semester of instrument or voice for 4 satisfactory terms)	2
Select 1 of the following ensembles (4 satisfactory terms):	
MUSC 1600 The Presbyterian College Choir	4
MUSC 1650 Presbyterian College Wind Ensemble Choir	4
MUSC 1690 Presbyterian College Chamber Orchestra	4
Select 1 hour of electives in consultation with minor adviser:	
Total Hours Required	18

Philosophy

Professor: James J. Thompson (Director)

Associate Professor: Julie M. Meadows

Requirements for the Minor in Philosophy

Courses required for minor	S.H.	Courses required for minor	S.H.
PHIL 205 Logic	3	Select 9 hours in Philosophy or other approved courses with substantial philosophical content:	
		ENGL 2101 Studies in Linguistics	3
Select 3 hours in History of Philosophy:		ENGL 2103 Intro to Lit Theory/Criticism	3
PHIL 301 Classical Greek Philosophy	3	ENGL 3650 Advanced Writing	3
PHIL 304 Early Modern Philosophy	3	PHIL 203 Introduction to Ethics	3
PHIL/PLSC 324 Classical Political Thought	3	PHIL 207 Introduction to Philosophy	3
PHIL/PLSC 325 Modern Political Thought	3	PHIL 258/458 Special Topic	3
PHIL/PLSC 326 Contemporary Political Thought	3	PHIL 301 Classical Greek Philosophy	3
PHIL 333 Classical Indian Philosophy	3	PHIL 304 Early Modern Philosophy	3
PHIL 361/HIST 3610 Hist/Phil of Traditional China	3	PHIL 314 Professional Ethics	3
Other approved 300- or 400-level course	3	PHIL 315 Medical Ethics	3
		PHIL/BADM 316 Business Ethics	3
Select 3 hours in Ethics:		PHIL 317 Environmental Ethics	3
PHIL 314 Professional Ethics	3	PHIL/PLSC 324 Classical Political Thought	3
PHIL 315 Medical Ethics	3	PHIL/PLSC 326 Modern Political Thought	3
PHIL/BADM 316 Business Ethics	3	PHIL/PLSC 327 Contemp Political Thought	3
PHIL 317 Environmental Ethics	3	PHIL 330 Philosophy of Law	3
Other approved 300- or 400-level course	3	PHIL 361/HIST 3610 Hist/Phil of Trad China	3
		PHIL 398 Honors Research	3
		PHIL 442 Directed Study	3
		PHIL 444 Internship	3
		PHIL 446 Readings	3
		PHIL 448 Seminar	3
		PHIL 452 Special Project	3
		THEA 2104 Intercultural Theatre	3
		THEA 3000 Theatre for Social Change	3
		WGST 225 Intro to Women's/Gender Studies	3
Total Hours Required			18

Physics

Professor: James A. Wanliss (Chair)

Associate Professor: Eli T. Owens

Lecturers: John Edwards, Joshua Hoffbauer

Requirements for the Minor in Physics

Courses required for minor	S.H.
PHYS 1500 General Physics I OR PHYS 1600 Physics I with Calculus	4
*PHYS 1510 General Physics II OR PHYS 1610 Physics II with Calculus	4
Select 3-4 hours from the following:	
PHYS 2100 Physics III with Calculus	4
PHYS 2600 Engineering Physics	4
PHYS 2900 Advanced Dynamics	3
PHYS 3100 Heat and Thermodynamics	3
PHYS 3200 Electricity and Magnetism I	3
PHYS 4100 Quantum Mechanics	3
Select 6-7 hours of electives (3 of which may be an internship):	
PHYS	
PHYS	
PHYS	
Total Hours Required	17-19

*If a student has taken general physics 1500 or physics with calculus 1600 from PC, or its equivalent at another school, before declaring the physics minor, s/he must pass a qualifying examination given by the physics department. A grade of 'C-' or higher in PHYS 1500 or its approved equivalent course is required to enroll in PHYS 1610. A grade of 'C-' or higher in PHYS 1610 or its approved equivalent is required to enroll in any upper division physics course and the student must pass a qualifying examination given by the physics department.

Political Science

Professors: Z. David Liu (Chair), Donald R. Raber

Associate Professors: D. Benjamin Bailey, Justin E. Lance, Erin S. McAdams

Requirements for the Minor in Political Science

Courses required for minor	S.H.
PLSC 201 Introduction to Political Science	3
PLSC 202 Introduction to American Government	3
Select 12 hours of Political Science electives	
PLSC	3
Total Hours Required	18

Pre-Law Studies

Professors: Richard R. Heiser, James J. Thompson

Associate Professor: Erin S. McAdams (Director)

Requirements for the Minor in Pre-Law Studies

Courses required for minor	S.H.
BADM 301 Business Law	3
PHIL 205 Logic	3
PLSC 210/PRLW 2100 Intro to Legal Studies	3
PRLW 4007 Internship	1
Select 3 hours in Accounting, Economics or Business Administration:	
ACCT 203 Principles of Financial Accounting	3
BADM 325 Managerial Communication	3
ECON 205 Principles of Microeconomics	3
ECON 327 Economics of Property Rights	3
Select 3 hours in Communication:	
ENGL 2101 Studies in Linguistics	3
ENGL 2103 Literary Theory and Criticism	3
ENGL 3650 Advanced Writing	3
SPCH 201 Public Speaking	3
Select 3 hours in Philosophy or Political Thought:	
PHIL 314 Professional Ethics	3
PHIL 330 Philosophy of Law	3
PLSC 322 American Political Thought	3
Select 3 hours in Law:	
PLSC 304/PRLW 3040 U.S. Constitutional Law: Government Powers	3
PLSC 305/PRLW 3050 U.S. Constitutional Law: Civil Rights & Liberties	3
SOC 309 Criminology	3
Total Hours Required	22

Programming, Web and App Development

Professor: Gregory Goeckel (Director)

Assistant Professor: Olivia M. Nche

Requirements for the Minor in Programming, Web and App Development

Courses required for minor	S.H.
¹ CSC 2205 Program Design I	3
¹ CSC 2255 Program Design II	3
CSC 2310 Mobile App Design	3
CSC 2405 Programming Languages Survey	3
CSC 3300 Web Design	3
Any course numbered 3000 or above	3
Total Hours Required	18

¹ Students must make a 'C-' or higher.

Public Health

Professor: James J. Thompson

Associate Professors: D. Benjamin Bailey (Director), Rachel G. Childers

Assistant Professor: Marharyta Petukh

Requirements for the Minor in Public Health

Courses required for minor	S.H.
PUBH 201 Intro to Epidemiology	3
PUBH/PLSC 329 Public Health(care) Policy	3
Select 12-13 hours from the following:	
BADM 343 Health Care Management	3
BADM 371 Intro to Analytics	3
BIOL 2150 Environmental Science	4
BIOL 3180 Immunology	4
BIOL 3360 Bioinformatics	3
BIOL/ENVI 3140 Ecology	4
COMM 3430 Health Communication	3
PHIL 315 Medical Ethics	3
PLSC 309 Intro to Public Policy	3
PLSC 328 Environmental Politics and Policy	3
PUBH 444 Internship	3
PUBH 458 Special Topic	3
PSYC 2024 Drugs and Behavior	3
PSYC 2040 Lifespan Development	3
SOC 318 Medical Sociology	3
SOC 325 Sociology of Aging and the Life Course	3
Students will receive a solid foundation for understanding the public health arena, especially the important goals/objectives, actors, institutions, critical and current issues; epidemiological concerns and considerations; and federal/state/local policies that guide its operation and development.	
Total Hours Required	18-19

Psychology

Professors: J. Alicia Askew, Brooke C. Spatta (Chair)

Associate Professors: Sarah C. Burns, Kate G. Anderson

Assistant Professors: Drew S. Brandel, Stephanie D. Freis

Requirements for the Minor in Psychology

Courses required for minor	S.H.
PSYC 1001 Introductory Psychology	3
Select 15 hours of Psychology electives at or above 200-level (STAT 320 is not required but may count as one of the electives):	
PSYC	3
STAT 320 Research Statistics	4
Total Hours Required	18

Religion and Philosophy

Professors: Robert A. Bryant, Kirk J. Nolan, James J. Thompson, Craig A. Vondergeest (Chair)

Associate Professor: Julie M. Meadows

Requirements for the Minor in Religion

Courses required for minor	S.H.
Select 18 hours of Religion courses at 200-level or above:	
RELG	3
Total Hours Required	18

Sociology

Professor: Carla H. Alphonso (Chair)

Requirements for the Minor in Sociology

Courses required for minor	S.H.
SOC 201 Introductory Sociology	3
Select 12 hours of Sociology electives at or above 300-level:	
SOC	3
Select 3 additional hours of Sociology coursework:	
SOC	3
Total Hours Required	18

Southern Studies

Professor: G. Terry Barr

Associate Professor: Kendra Y. Hamilton, (Director), Richard B. Thomas

Requirements for the Minor in Southern Studies

Courses required for minor	S.H.
SOST 2001 Introduction to Southern Studies: History and Memory	3
SOST 3001 Research Methods in Southern Studies	3
Select 15 hours from the following:	
ENGL 2205 African-American Literature	3
ENGL 2301 Southern Film Experience	3
ENGL 3361/SOST 3102 Appalachian Literature	3
ENGL 3362 Southern Jewish Literature	3
ENGL 3363/SOST 3101 Southern Literature: The Big House	3
ENGL 3374 Other Souths	3
HIST 3211 Young America, 1800–1865	3
HIST 3240 History of the South	3
HIST 3245 African-American History	3
MUSC 1101 Survey of American Popular Music	3
PLSC 301 African-Americans/the Political System	3
PLSC 319 Southern Politics	3
RELG 356 African-American History	3
SOC 303 Sociology of the Contemporary South	3
SOST 4005 Directed Study	1-3
SOST 4007 Internship	1-3
SOST 4008 Research	1-3
SOST 4009 Special Topic	3
Total Hours Required	18

Spanish

Professors: Mark R. Cox, Sharon E. Knight (Chair)

Requirements for the Minor in Spanish

Courses required for minor	S.H.
Select 18 hours of Spanish courses at 2000-level or above:	
SPAN	3
Total Hours Required	18

¹ One semester or junior year of study abroad in a Spanish speaking country is recommended for all minors.

² Students who exempt 2001 or above as a result of placement will be required to complete additional electives to achieve the minimum number of hours for the minor.

Student-Designed Interdepartmental

Requirements for the Minor in Student-Designed Interdepartmental

Students seeking a Student-Designed Interdepartmental minor should first consult with faculty in the field for which they are interested, as well as their prospective advisor. Courses required for the minor must come from more than one department or program, of which at least one offers a minor.

Courses required for minor	S.H.
Select 6 hours at the 100/1000 level:	
	3
	3
Select 6 hours above the 200/2000 level (may include a maximum of 4 credits as directed study or special topics):	
	3
	3
Directed study with minor advisor:	
	1-3
Select 8-9 hours of additional minor courses:	
	3
	3
	3
Total Hours Required	21-24

Women's and Gender Studies

Professors: Carla H. Alphonso, Roy B. Campbell, Laura J. Crary, Lynne M. Simpson

Associate Professor: Emily L. Taylor (Director)

Requirements for the Minor in Women's and Gender Studies

Courses required for minor	S.H.
WGST 225 Intro to Women's and Gender Studies	3
Select 15 hours from the following:	
ARTH 257 Gender and Art	3
ENGL 3370 Women's Literature	3
ENGL 3371 Women's World Literature	3
ENGL 3374 Other Souths	3
HIST 3241 Women in American History	3
HIST 3640 Family & Gender in Chinese History	3
HIST 3642 Race, Gender, Power in Latin America	3
PSYC 2075 Human Sexuality	3
RELG 312 Women in the Bible	3
SOC 302 Marriage and the Family	3
SOC 363 The Sociology of Gender	3
WGST 202 Medieval Women Mystics	3
WGST 258 Special Topic	1-6
WGST 444 Internship	1-6
WGST 452 Special Project	1-6
WGST 458 Special Topic	1-6
Total Hours Required	18

Pre-Professional Programs

A variety of programs offers the Presbyterian College student a solid academic base on which to pursue a professional education. Designated advisers for each area of study work with students to assure success in achieving their academic and pre-professional goals.

Engineering Dual-Degree Programs

Students may combine study in liberal arts with further study in an engineering discipline under the cooperative dual-degree programs Presbyterian College has with Auburn University, Clemson University, Georgia Institute of Technology, University of South Carolina, and Vanderbilt University. These five-year arrangements permit students to spend their first three years at PC completing general education requirements and participating in the physics major program. The remaining two years are spent at one of the partner institutions studying in the chosen engineering discipline. Upon completion of the program, the student is awarded the B.S. degree in physics from PC and the engineering degree from the partner institution. Students should consult the registrar at one of these institutions for clarification regarding transfer work.

Forestry and Environmental Studies

Presbyterian College offers a program in the fields of forestry and environmental studies in cooperation with the Duke University School of Forestry and Environmental Studies. Students who elect this program must complete at least three years in an approved curriculum at Presbyterian College. Upon completion of the first semester of the junior year with a minimum GPA of 3.00, application may be made to the Duke School of Forestry and Environmental Studies. Applications are considered on a competitive basis. After admission to Duke, the student attends two academic years to complete the master's degree. With the satisfactory completion of the first year of the professional program at Duke and the submission of the first year's record, the student is awarded the baccalaureate degree from Presbyterian College. Interested students should contact the pre-forestry adviser early in their college career.

Pre-Allied Health Sciences

Students interested in careers in allied health professions often spend two or three years at PC and then transfer to a medical university or other professional school to complete the training in such fields as nursing, radiologic technology, physical therapy, and medical technology.

Pre-Dental and Pre-Medical

Students must adhere to a rigorous schedule to prepare for medical and dental schools and for post-graduate admissions tests administered during the junior year at PC. Interested students should consult with the pre-medical/pre-dental adviser at their earliest opportunity.

Pre-Law

Admission to law school does not require any specific course of study. Departments offering programs developed as pre-law training are: economics and business administration, English, history, and political science. An interdisciplinary minor that includes courses designed for a concentration in pre-law (but is not intended to be a pre-law program) is shown above. Each program gives students a broad background upon which to build formal legal training.

Pre-Pharmacy

Students may obtain at PC those courses necessary for admittance to a pharmacy school that accepts students at the third-year level. Because various pharmacy schools have slightly different requirements for admission, students and their college-assigned advisers should ascertain the specific requirements of the schools of their choice and then develop an appropriate schedule of courses.

Pre-Theological

A pre-theological student should schedule at least six hours of Greek and/or Hebrew and may be advised to major in religion. The student also should take as many hours of English, history, psychology, and sociology as possible.

Pre-Veterinary Medicine

Students interested in entering a veterinary medicine program will be assigned a special adviser who will help them arrange their courses at PC to fulfill the specific requirements of the veterinary medicine school of their choice.

Teacher Education and Certification

The Presbyterian College Teacher Education Program is accredited by the Council for the National Council for Accreditation of Teacher Education (NCATE). Presbyterian College offers programs of study leading to teacher certification in the following specialty areas:

Specialty Area - Grade Levels

Early Childhood.....	Pre-K to Grade 3
Elementary Education.....	Grades 2-6
English.....	Grades 9-12
Mathematics.....	Grades 9-12
Middle School.....	Grades 5-8
Social Studies.....	Grades 9-12

Special Programs

For Presbyterian College students, the college experience is not limited to the classroom. Special programs ensure that students obtain the most from their learning opportunity.

Collaborative Programs

PC has developed collaborative educational programs to enhance students' experiences of being global citizens. In particular, PC and Guizhou University in China have an established collaborative program available to PC students to expand global awareness through academic and cultural exchanges.

Honors Day Symposium

Presbyterian College honors the research and creative endeavors of students by inviting them to take part in an interdisciplinary undergraduate scholarly conference. The annual Honors Day Symposium offers students an opportunity to share the results of their scholarly efforts with the Presbyterian College community in person and beyond the community via online presentations. The symposium occurs on the day of the Honors Day Convocation; both events honor outstanding academic work being completed by PC students. Past symposiums have included literary, humanist, and scientific presentations and posters from students of all disciplines and all years.

Marine Studies Program with Gulf Coast Research Laboratory

The Gulf Coast Research Laboratory (GCRL) is a marine/coastal research and education enterprise sited in Ocean Springs, Mississippi and is a unit of The University of Southern Mississippi's College of Science and Technology. GCRL partners with Presbyterian College to provide the course work to complete the Marine Studies Minor. Required courses for the program of study include:

GCRL: Marine Science I (Oceanography) (5) (PR: College Algebra, one semester of biology, one semester of chemistry, or POI) This course provides a multidisciplinary foundation in oceanography, specifically the terminology, princi-

ples, processes, relationships, and phenomena pertaining to three of its traditional sub-disciplines: physical, geological, and chemical oceanography. The importance of the interaction of biotic and abiotic processes in the ocean will be addressed through exploration of timely issues in ocean science. An additional course field fee is assessed for this course.

GCRL: Marine Science II (Marine Biology) (5) (PR: two semester of biology or POI) An ecological approach to the biology of marine systems with emphasis on local organisms; their habitats, life cycles, and survival strategies. This course is field intensive, and includes several boat trips to the Gulf Barrier Islands, as well as field collections at local marine and estuarine habitats. Additional field trips include the Alabama Estuarium Research Center, the Audubon Aquarium of the Americas, the USM aquaculture centers at Cedar Point, and a snorkeling trip of Florida patch reefs. An additional course field fee is assessed for this course.

PC Summer Fellows (PCSF)

The summer fellows program is designed to enhance the academic experience of PC students by providing them with opportunities to work with faculty during the summer. The program is intended for motivated students to gain research experience with direct faculty mentoring. Students experience the process of research as a creative intellectual activity in a living-learning environment.

Reserve Officer Training Corps (ROTC)

The Army ROTC (Reserve Officers Training Corps) program at Presbyterian College is designed to enhance a student's college education by providing unique training and practical experience in leadership and management—qualities essential to success in any career. Upon graduation from PC, contracted cadets who have successfully completed ROTC training are awarded a commission as a Second Lieutenant in the U.S. Army, U.S. Army National Guard, or the U.S. Army Reserves.

To prepare cadets to become commissioned officers, the ROTC program combines college courses in military science and leadership with summer training. The military science curriculum consists of a two-year Basic Course and a two-year Advanced Course.

The Basic Course is taken during the freshman and sophomore years. Students do not incur any military service obligation for participation in the Basic Course. Previous military experience or completion of JROTC may be accepted by the Professor of Military Science in lieu of some or all of the Basic Course requirements. Attendance at the Leadership Training Course may also be used as credit for the Basic Course.

The Advanced Course is limited to contracted cadets or students who have completed the Basic Course requirements and are actively seeking to be a contracted cadet. Advanced Course cadets attend the 30-day Leadership Development and Assessment Course at Fort Lewis, Washington, during the summer between the junior and senior year. Additionally, Advanced Course cadets assume leadership positions on campus in which they plan, lead, and evaluate training for other cadets.

Both men and women may enroll in ROTC, contract with the U.S. Army, apply for scholarships, and enter in the commissioning process. In order to become a contracted cadet, a student must schedule a military physical through the ROTC department with a resulting status of "qualified." The student must also meet the minimum physical fitness requirements and have a minimum GPA of 2.00. To earn a scholarship the student must have a minimum GPA of 2.50. All contracted cadets, whether on a scholarship, must maintain a minimum semester and cumulative GPA of 2.00 to remain in the program.

Russell Program

A concern that PC students recognize and understand the influence and responsibilities of modern communications media led to the creation of the Russell Program in 1986.

The Russell Program provides support to a media-learning center, interdisciplinary courses, student internships, awards competition, and faculty development. Russell provides for student publications. It is made possible by the generosity of Ernest and Frances Arnold, trustees of the Russell Charitable Trust.

Since 2003, the Russell Program—in cooperation with The New York Times and The Wall Street Journal— has made these two national newspapers available free throughout the academic year to students, faculty, staff, and visitors. Many faculty members have utilized one or both of these papers in classroom instruction and discussion.

Courses

CO = Co-requisite • POI = Permission of Instructor • PR = Prerequisite RE = Recommended • XL = Cross-listed

Courses are numbered to indicate the level at which they are offered. Those intended primarily for freshmen have numbers ranging from 100 to 199 (1000 to 1999); for sophomores, 200 to 299 (2000 to 2999); for juniors, 300 to 399 (3000 to 3999); for seniors 400 to 499 (4000 to 4999). Some departments use these ranges to signify area topics or chronological topics. An academic adviser will assist the student in the selection process.

ACCT • Accounting

- 203 Principles of Financial Accounting (3)** This course provides an introduction to accounting as a device for reporting business activities. The underlying principles of accounting for assets, debt, and owners' equity are studied in addition to the preparation and interpretation of financial statements. (Fall and Spring)
- 258 Special Topics (1-6)**
- 311 Intermediate Accounting I (3)** (PR: ACCT 203 with minimum grade of "C") This course provides the introduction to the theory and practice related to the accounting function and its application to for-profit enterprises. Specific emphasis is placed on underlying accounting concepts, the analysis of accounting problems, and the application of accounting principles for assets. (Fall)
- 312 Intermediate Accounting II (3)** (PR: ACCT 311 or POI) This course continues the in-depth study of financial accounting concepts and their application to liabilities, equity financing, leases, investments, revenue recognition, and the statement of cash flows. (Spring)
- 313 Intermediate Accounting III (3)** (PR: ACCT 311 and 312, or POI) This course continues the in-depth study of financial accounting practice and theory to include accounting changes and error analysis, income tax allocation, pension liabilities, and analyses of complete financial statements as well as current developments. (Fall)
- 328 Cost and Managerial Accounting (3)** (PR: ACCT 203) A study of the application of cost analysis to manufacturing and distribution problems, including analysis of the behavioral characteristics of business costs and a study of principles involved in standard cost systems. (Spring)
- 335 Advanced Accounting (3)** (PR: ACCT 313 or POI) This course is designed to study the application of accounting theory and principles to specialized accounting areas including partnerships, equity investments and business combinations, and consolidated financial statements. In addition, some aspects of multinational accounting are introduced, including accounting for foreign currency transactions and the translation of foreign currency financial statements. The course includes an integrating project that requires the student to utilize accounting knowledge gained from the major program.
- 336 Auditing (3)** (PR: ACCT 311, 312 and 342, or POI) This course studies the principles and practice of internal and independent auditing, the criteria for the establishment and testing of internal controls, the testing of account balances, application of statistical sampling, and accounting information systems. (Spring)
- 338 Governmental and Not-for-Profit Accounting (3)** (PR: ACCT 203) The theory and practice related to the accounting function in governmental entities are covered extensively in this course. The emphasis is placed on state and local governmental entities. In addition, the theory and practice related to the accounting function in not-for-profit entities is also presented. These entities include colleges and universities, hospitals, churches, and voluntary health and welfare organizations.
- 340 Federal Income Taxation (3)** (PR: ACCT 203 or POI) Primary attention is given to the nature and purpose of taxes with specific emphasis on the federal income tax as it applies to individuals and their business activities. (Fall)
- 342 Accounting Information Systems (3)** (PR: ACCT 311 and 312, or POI) This course provides a comprehensive study of accounting system basics. Experiential learning in computer-based accounting is a significant component of the course. In addition, this course introduces current trends in e-commerce, artificial intelligence, and other developments that have a significant effect on the design of accounting systems. (Fall)
- 398 Honors Research (3-6)**
- 442 Directed Studies (1-9)**
- 444 Internship (1-6)**
- 446 Readings (1-9)**

- 448 **Research (1-9)**
- 450 **Seminar (1-9)**
- 452 **Special Projects (1-9)**
- 458 **Special Topics (1-6)**

AFST • Africana Studies

- 201 **Introduction to Africana Studies (3)** An interdisciplinary survey of African and Africana religion, culture, science, literature, philosophy, politics, economy, and protest.
- 442 **Directed Studies (1-6)**
- 444 **Internship (1-6)**
- 446 **Readings (1-9)**
- 448 **Research (1-9)**
- 450 **Seminar (1-9)**
- 452 **Special Projects (1-9)**
- 458 **Special Topics (3)**

ART • Art

- 101 **Art Appreciation (3)** An introduction to the arts of painting, sculpture, and architecture. As a general survey course, emphasis is placed both on the development of an informed art vocabulary and on the exercise of those perceptual and cognitive skills which enhance aesthetic experiences in the arts. (Lectures, slide presentations, field trips, and creative applications)
- 110 **Studio Foundations: Drawing (3)** A foundation course that explores various approaches to a range of drawing problems from landscape and still-life to human anatomy, from rendering to nonobjective abstraction. A variety of wet and dry media is employed in a series of projects and exercises designed to enhance both eye-hand coordination and perceptual acuity. No previous drawing experience is required. A materials fee is assessed for this course, in addition to necessary art supplies purchased by individual students. (Studio applications and field trips)
- 120 **Studio Foundations: 2-D (3)** A foundation course surveying the elements and principles of visual organization in two-dimensional art. Perceptual and conceptual skills are enhanced through a series of experimental studio projects focused on composition and color theory. No previous design experiences are required. A materials fee is assessed for this course, in addition to necessary art supplies purchased by individual students. (Lectures and studio applications; alternate years - fall or spring)
- 122 **Studio Foundations: 3-D (3)** A foundations course surveying materials, concepts, and principles of visual structure/organization in the dimensional world. Through a series of problem solving projects, readings, and class discussion, students will gain insight into the basic language of three-dimensional design. A materials fee is assessed for this course, in addition to necessary art supplies purchased by individual students. (Alternate years - fall or spring)
- 230 **Painting I (3)** (PR: ART 110 and 120, or POI) An introduction to the theory and practice of painting in oils, stressing color and surface in response to direct visual observations. This course covers a range of materials and technical skills that are presented with frequent reference to the broader history of painting. A materials fee is assessed for this course, in addition to necessary art supplies purchased by individual students. (Demonstration, painting on location in the landscape, and studio application; alternate years - fall or spring)
- 240 **Sculpture (3)** (PR: ART 110 and 120, or POI) A study of both additive and subtractive approaches to sculptural representation in the context of art history and executed in a variety of media such as clay, stone, plaster, metals, wood, and glass. A materials fee is assessed for this course, in addition to necessary art supplies purchased by individual students. (Demonstrations and studio applications; Alternate years - fall or spring)
- 242 **Ceramics (3)** A creative exploration of basic ceramic processes such as wheel throwing, glazing techniques and the kiln firing process, with a focus on useful design, craft, and an introduction to the history of ceramic forms. A materials fee is assessed for this course.
- 246 **Introduction to Furniture Design and Woodworking (3)** An applied arts course that connects the principles related

to art, craft and design. The student will acquire the woodworking skills necessary to create custom furniture through research and practice drawings as well as the cultural history of furniture design. The student will then construct and complete a series of basic woodworking projects based upon their research and drawings. A materials fee is assessed for this course. (Fall)

- 260 Printmaking I (3)** (PR: ART 110 and 120, or POI) An introduction to the techniques of relief and intaglio printing processes such as woodcut, linocut, etching, aquatint, and dry point. A materials fee is assessed for this course, in addition to necessary art supplies purchased by individual students. (Demonstrations and studio applications; Alternate years - fall or spring)
- 262 Printmaking II: Screen Printing (2)** (PR: ART 110 and 120, or POI) An introduction to the techniques and processes of screen-printing with an emphasis on fine arts applications. A materials fee is assessed for this course, in addition to necessary art supplies purchased by individual students. (Demonstrations and studio applications, Alternate years - fall or spring)
- 274 Introduction to Digital Photography and Culture (3)** This course explores the ways in which digital images reflect and transform cultural notions of power, belief, and societal values. It also serves as a basic introduction to the technical and aesthetic use of a digital camera and image-editing software for expressive communication in print and online.
- 280 Art for the Child (3)** A study of the child's creative growth in arts and crafts. Designed to help the classroom teacher develop the creative skills that enhance instruction in all content areas while facilitating a quality art program within the broader context of a general classroom environment. This class is limited to majors in early childhood education, Christian education, and art. Other students may contact the art department with a request to be enrolled on appeal. A materials fee is assessed for this course, in addition to necessary art supplies purchased by individual students. (Lectures and studio applications)
- 308 Graphics Programming and Animation (3)** (PR: CSC 1235 • XL: CSC 3750) This course introduces the student to programming that draws 2D or 3D images on the screen. In particular, we will study graphics packages that enable interactive drawing and animation in 2D and 3D spaces. (Alternate years)
- 310 Life Drawing (3)** (PR: ART 110 and 120, or POI) An extensive study of artistic anatomy and the expressive potential of the human form. Drawing from the model and skeleton with a wide array of drawing and painting media. A materials fee is assessed for this course, in addition to necessary art supplies purchased by individual students. (Lecture/demonstrations and studio applications, Alternate years - fall or spring)
- 336 Painting II (3)** (PR: ART 230, 232 or 234) An exploration of the form/content relationship in the practice of painting in a variety of media. This course stresses the synthetic integration of painterly concerns through the creation of a suite of related paintings. A materials fee is assessed for this course, in addition to necessary art supplies purchased by individual students. (Studio applications videotape, and slide lectures; alternate years - fall or spring)
- 391 Junior Project (3)** In this course, students will plan, execute, present, and critique a project in studio art or art history selected in consultation with the art faculty. Studio majors will explore concepts and experiment with art methods and materials prior to the senior year when production focuses on the senior exhibit. Art history students will work on preliminary research for the senior thesis. All students will meet regularly with faculty individually and as a group for direction and feedback. Students may elect to take this course in conjunction with an internship or study abroad. Mandatory field trips are taken each year to New York City and another major urban art center. (Fall)
- 392 Junior Seminar (3)** This is a supervised open-studio and seminar course with assigned readings and research in contemporary art and art historical methodologies. This course will build on the work done in the junior project, internship, or study abroad of the previous semester. Each studio major will produce a series of related artworks while doing graded research on an aspect of the art world. Art history students will continue to work on their thesis projects while writing regular critiques of the work produced in the studio section of the course and preparing assignments on readings. Mandatory field trips are taken each year to New York City and another major urban art center. (Spring)
- 398 Honors Research (3-6)**
- 442 Directed Studies (1-6)**
- 444 Internship (1-6)**
- 446 Readings (1-9)**

- 448 **Research (1-9)**
- 450 **Seminar (1-9)**
- 452 **Special Projects (1-9)**
- 458 **Special Topics (1-6)**
- 491 **Senior Seminar (3)** (*PR: SR status and ART major*) This course aims to focus the student's development toward the final senior exhibition or thesis to be presented at the end of the year. The faculty will work with each student to develop his or her individual artistic vision or art historical position through regular individual and group critiques. Because the medium, subject, and style of the work produced will vary, the principle emphasis will be on the formal concerns and presentation of the art. These issues will be addressed in critiques, reading, and research. Studio majors will strive to integrate ideas of concept, form, and content in the preparation of the artist statement for the final exhibit. Art history students will finalize the research and complete a draft of the final thesis. Mandatory field trips are taken each year to New York City or another major urban art center. (Fall)
- 492 **Senior Show (3)** (*PR: ART 491*) Studio majors will focus on the preparation of the final exhibition and the presentation of a carefully crafted artist statement. Art history students will revise and refine the thesis for presentation either in a public symposium or the Honors Research Symposium in the spring. Critique of ongoing studio work and writing will take place prior to the senior show and/or symposium. Studio majors will submit a slide portfolio or CD, and art history students, a bound copy of the thesis for review by the art faculty. A formal critique will be made of all work submitted. Mandatory field trips are taken each year to New York City or another major urban art center. (Spring)

ARTH • Art History

- 110 **Survey of Western Art I (3)** The art of the Western world from its earliest known examples in caves of France and Spain up to the beginning Renaissance ideals in art and architecture of Western Europe, with a brief view of some of the arts of the Islamic world created during that same era. Examines the way that the visual arts and architecture gives expression to a culture's values and ideas about life, death, and spirituality. (Fall)
- 120 **Survey of Western Art II (3)** This course surveys the art of Western Europe and the Americas from the Renaissance through the 20th century. Particular attention is paid to change in social and cultural institutions leading to the development of modernism. (Spring)
- 210 **Medieval Art and Architecture (3)** A survey of art and architecture created in Europe beginning in the late Roman Empire through the 14th century. (Fall, Alternate years)
- 220 **Art in Italy, 1400-1700 (3)** A survey of art and architecture created in Italy between 1400 and 1700 AD. Art and architecture are examined in relation to the philosophical, scientific, and religious debates of the era. (Spring, Alternate years)
- 221 **Art in Northern Europe, 1400-1700 (3)** A survey of the art and architecture in European countries outside of Italy, especially Flanders, the Netherlands, France, and Spain. Of particular interest are the roles played by the Reformation and Counter-Reformation on art production. (Spring, Alternate years)
- 230 **Art in Europe, 1700-1850 (3)** A survey of art and architecture created in Western Europe from 1700-1850. The development of the independent gallery system and the role of art academies, leading to modernist movements in the 19th century are emphasized. (Fall, Alternate years)
- 240 **Art in Europe, 1850-1950 (3)** A survey of the art and architecture created in Western Europe during the late 19th and through the 20th century. Major modernist movements and avant-garde styles are discussed in depth. (Fall, Alternate years)
- 245 **Art in the United States, 1900-Present (3)** A survey of the art and architecture created in the United States beginning in the early 20th century around the time of the Armory Show in New York in 1913. Major movements throughout the century will be examined, along with the special circumstances of art making in the United States. (Fall, Alternate years)
- 246 **African-American Art and Culture (3)** A survey of the visual culture created by Africans and African-Americans to the United States, in conjunction with written work and music, beginning with the colonial period and extending to the present.

- 257 **Gender and Art (3)** This course examines issues of gender in art and art history.
- 310 **Modern Art Theory and Criticism (3)** An examination of the writings of artists and critics of the late 19th and 20th centuries whose works construct the history of modernism in the arts. (Spring, Alternate years)
- 311 **Word and Image (3)** A look at historical intersections of texts and images, such as illuminated manuscripts, up to contemporary uses of images and texts to create new visions.
- 320 **Topics in Latin American Art (3)** A survey of the art of one region or country in Latin America, such as Mesoamerican art, Caribbean art, South American art, Mexican art, or Brazilian art. (Spring, Alternate years)
- 330 **Film and Film Criticism (3)** A look at the production of film as a visual, narrative, and sonic medium. This course will teach students to examine film production, editing, direction, and various post-production elements in filmmaking. (Alternate Fall)
- 401 **Art History Capstone (1)** (PR: *ARTH major*) Directed research for Art History majors to refine and present an ongoing research project to the college community and submit a final thesis paper.
- 410 **Contemporary Art: Theory and Practices (3)** An examination of the visual arts of the 20th century and into the 21st century, emphasizing theory, criticism, and exhibition strategies related particularly to news media. (Spring, Alternate years)
- 450 **Art History Seminar (3)** A seminar devoted to a topic central to the history of art. This course is designed to offer students the opportunity to do in-depth analysis of artworks, understand and apply theoretical frameworks to the interpretation of culture, and develop and present research. (Spring, Alternate years)
- 442 **Directed Studies (1-6)**
- 444 **Internship (1-6)**
- 446 **Readings (1-9)**
- 448 **Research (1-9)**
- 450 **Seminar (1-9)**
- 452 **Special Projects (1-9)**
- 458 **Special Topics (1-6)**

BADM • Business Administration

- 101 **Quantitative Skills for Economics and Business Administration (3)** This course is designed to provide business administration and economics majors with quantitative skills they will use in future courses in the major. (Fall)
- 205 **Personal Finance (3)** This course is designed to introduce students to the types of financial challenges they may face over their lifetime and give them a solid foundation to address those challenges and opportunities effectively. Topics include home ownership, insurance, household budgeting, taxes, savings, and personal investments.
- 299 **Computer Applications for Business (2)** (PR: *Major in BADM or ECON*) A study of current information technology and its application to managerial decision-making. Students gain a working knowledge of basic spreadsheet skills, financial and statistical analysis, graphical tools, database management, report generation, and macro creation. This course relies on Excel for Windows to give students hands-on experience with computerized information systems in integrating material from other business courses. (Fall and Spring)
- 301 **Business Law (3)** (PR: *JR status or POI*) Designed to give students a comprehensive knowledge of the principles of law pertaining to routine business transactions. Topics include sources of contracts, sales, the Uniform Commercial Code (UCC), title, and risk of loss. (Fall and Spring)
- 307 **Marketing (3)** (PR: *SO status*) A general survey of marketing: consumer behavior, functions, channels, and institutions. Special emphasis on the integration of marketing fundamentals with decision making through the use of case studies. (Fall and Spring)
- 308 **International Marketing (3)** (PR: *BADM 307 or POI*) This course is designed to give students experience in analyzing the marketing environment and applying marketing concepts in a foreign context to develop understanding of both the theoretical and practical benefits of international business.
- 309 **Consumer Behavior (3)** (PR: *BADM 307*) Concepts, methods, and models used in understanding, explaining, and predicting consumer motivation and behavior. Implications for influencing decisions are highlighted.

- 314 **Enterprise MIS (3)** (*RE: BADM 299 • XL: CSC 2050*) This course is designed to introduce the student to the ways businesses use information technologies to enhance and transform business operations and support business objectives. The key topics include enterprise applications (ERP, CRM, and SCM), web-based systems (E-Commerce, B2B, and intranets), and decision support (data mining and data warehouse). The course is intended to be a survey of the current concepts and practices related to MIS implementations in businesses. As time allows, students will also apply these concepts to hands-on labs.
- 315 **Management and Organizational Behavior (3)** An overview and history of management followed by discussion of the business environment, ethics, and global markets. The course covers the planning process, principles of organizing, managing teams, motivating employees, and leadership theory. Students observe how the functional areas of business work together as they make business decisions as part of a team managing a firm in a simulation competition. (Fall and Spring)
- 316 **Business Ethics (3)** (*XL: PHIL 316*) A study of ethical issues in business with the aim of strengthening our moral discernment and practical judgment. The focus is on classic and contemporary cases in the ethics of business.
- 322 **Industrial/Organizational Psychology (3)** (*PR: ECON 206 or PSYC1001 • XL: PSYC2054 • RE: PSYC 2050*) The application of psychology to workplace settings, including not only business and industry, but also non-profit organizations such as hospitals, government, and social agencies. Topics include employment recruitment and selection, organizational communication, motivation of workers, and performance evaluation. Topics are of special relevance to students who at some point in their careers expect to be in managerial or administrative positions within an organization, be it a business or non-profit organization.
- 323 **Sports Marketing (3)** (*PR: BADM 307*) Exploration of the essentials of effective sports marketing. Topics include application of marketing principles in the sports area, licensing issues, sponsorships and endorsements, stadium and arena marketing, broadcasting and media considerations, public policy and sports, and unique marketing challenges for sport specific products (football, basketball, baseball, motorsports, etc.). (Spring)
- 325 **Managerial Communication (3)** (*PR: C or better in English 1001 and 1002; Major in BADM, minor in MDST or PRLW, or POI*) A case-based class in which students analyze business problems and propose persuasive solutions. Students share leadership in a seminar-style class as they strengthen writing and speaking skills through peer-evaluated memos, letters, and reports. The course requires weekly writing assignments. (Spring)
- 332 **Managerial Finance (3)** (*PR: ACCT 203*) Designed to allow the student to apply basic concepts of finance to the solution of business problems, especially as they pertain to financial decision making; analysis of the financial condition of business firms as a means of recognizing current and long-term financial needs; selection of the most feasible actions necessary to secure best possible financing and most profitable allocation of resources. (Fall and Spring)
- 333 **Database Processing and Design (3)** (*PR: BADM 299 or CSC 1235 or POI • XL: CSC 3000*) Introduction to database concepts including data modeling, normalization, database design and implementation, data administration, and, as time allows, data warehouses and data mining. The course will include hands-on experience using commercially available database software beyond simple desktop databases.
- 334 **Human Resource Management (3)** (*PR: Major in BADM or POI*) Analysis of current issues and practices in human resource management. The course studies the staffing, training, development, motivation, and compensation of employees. Cases and experiential exercises are used to involve students in resolving realistic human resources problems.
- 337 **Social Media Marketing (3)** (*PR: BADM 307*) This project-based course will explore how social media can be utilized to build brands, conduct business, market products and services, inform and engage customers and acquire new customers. Students will build a social media marketing plan/audit to apply their skills for an organization.
- 343 **Health Care Management (3)** (*PR: POI*) This course will focus on the health care environment in the U.S. with an emphasis on managing the operations of health care facilities. The range of topics will include: historical perspective; patient safety; quality; risk management; employee relations; balancing financial, marketing, and operational priorities; understanding physician relations; legal, regulatory and accreditation mandates; customer service; information technology; and advocacy. It will also include the internal and external factors that control the delivery of health care in communities. (Fall)
- 344 **Principles of Real Estate (3)** (*PR: JR status or POI*) This course is designed as an introduction to the field of real estate

and deals with the following topical areas: the economic, social, and legal setting of real estate; brokerage and real estate title transfer; value, price and investment; real estate ownership and administration; and real estate horizons.

- 346 **Analytics (3)** This course introduces students to data analysis techniques such as regression, classification, and clustering. This course covers a wide variety of analytic approaches in different industry domains and uses hands-on case studies. An emphasis is placed on being able to manipulate data, analyze it, and interpret results.
- 347 **International Business (3)** A broad overview of globalization, purchasing power parity, country differences in legal systems, political systems, economic systems, language, culture, labor costs, resource endowments, import and export regulations, trade agreements, and regional economic integration. Each of these factors requires significant changes in how individual business units operate from one country to the next.
- 351 **Operations Management (3)** (PR: *BADM 299 and STAT 319*) An examination of analytical tools designed to improve quality and productivity in manufacturing and service operations. Topics include forecasting, inventory management, scheduling, linear programming, and queuing theory. (Fall and Spring)
- 352 **Strategic Management (3)** (PR: *SR status, EBA major*) A capstone course entailing study of the formulation and implementation of strategies in a wide range of businesses. Emphasis on analyzing and integrating the functional areas of business administration. The case study method and a term project offer students the opportunity to apply strategic concepts to “real world” situations. (Fall and Spring)
- 353 **Entrepreneurship (3)** (PR: *ACCT 203 and ECON 206*) A practical course designed to enhance the student’s ability to launch and manage a successful small business. The focus is on developing strengths and capabilities that are unique to small companies striving for success. Topics include strategic management, entrepreneurship, forms of ownership, franchising, cash flow management, sources of funding, business plan development, and others. Students create a business plan as part of the course. (Fall and Spring)
- 355 **Executive Leadership and Management (3)** (PR: *BADM 315*) The course provides a comprehensive perspective on leadership and management from both a historical and current practice perspective. The link between management and leadership is examined and the application of leadership theory is explored. Also, students will through groups examine theory and openly discuss different forms of leadership to include transformational leadership and servant leadership.
- 361 **Strategic Selling and Sales Management (3)** (PR: *BADM 307*) This course includes both the theory and practice of strategic selling skills. Experiential exercises and case studies will help students develop analytical skills involved in sales and sales management. Students will demonstrate their proficiency in selling through role playing exercises and the research, design, and production of a comprehensive sales scenario.
- 371 **Introduction to Data Analytics (3)** An introduction to programming, databases and statistical analysis. Student learning outcomes include being able to prepare and manage data and to demonstrate the ability to apply basic statistical tools and then interpret results.
- 372 **Applied Analytics (3)** (PR: *BADM 371*) An applied course with programming with an emphasis on student learning outcomes of applying the concepts of algorithmic development, random forests, machine learning, and data-scraping from sources such as the internet and social media.
- 373 **Data Visualization (3)** (PR: *BADM 372*) This course serves to transition student to expertise in their field of application. This course will largely be project-based, employing both analytic methods and liberal arts skills. Students will learn communications skills specific to data analytics and interdisciplinary research practiced in a variety of application domains.
- 374 **Analytics Capstone (3)** (PR: *BADM 373*) An applied capstone, project-based course where students are expected to identify a significant business or real-world problem and develop a solution using analytical methods. Students are required to utilize data and apply appropriate analytical models and analytical tools. Students will research a relevant, real-world problem with both theory or practice, provide insight from a literature review, formulate a data-driven solution to the problem, and present a professional quality written and present oral presentation describing the analytic solution along with recommendations and conclusions.
- 375 **Marketing Research (3)** This course will provide students hands-on experience with marketing research and analysis. Students will learn problem definition, research design, data collection, questionnaire design, measurement, sampling, instrument design, data analysis, and data interpretation. Students will learn various approaches to market research

including focus groups, observation (grounded theory), surveys, and secondary data analysis. Students will also learn the application of various analytic methods, such as ANOVA, regression, and conjoint analysis to marketing datasets.

398 **Honors Research (3-6)**

400 **Career Preparations Tools (1)** (PR: *BADM* or *ECON* major) Covers essential job search skills including crafting a winning resume, researching a company, interviewing, communicating with employers, using LinkedIn, networking, and learning professional expectations on the job.

411-418 **Business Abroad (3)**

442 **Directed Studies (1-9)**

444 **Internship (1-6)**

446 **Readings (1-9)**

448 **Research (1-9)**

450 **Seminar (1-9)**

452 **Special Projects (1-9)**

458 **Special Topics (1-6)**

BCHE • Biochemistry

307 **Biochemistry I (3)** (PR: *BIOL 1151* with a grade of "C-" or higher and *CHEM 221-221L* • CO: *BCHE 307L* • RE: *CHEM 222*) This course will provide an introduction to biochemistry, building on the fundamental concepts from biology and chemistry. The structure and function of amino acids, proteins, carbohydrates, nucleotides, and lipids will be covered. Fundamental concepts of cellular structure and function will be reinforced. The concepts of acid-base equilibrium and oxidation-reduction will be extended to biological systems. Bioenergetics, enzyme kinetics, and thermodynamics will be covered. (Fall)

307L **Biochemistry I Lab (1)** (3 hrs. lab weekly • PR: *BIOL 1151* with a grade of "C-" or higher and *BCHE 307* and *CHEM 221-221L* • CO: *BCHE 307*) This laboratory course will provide a practical foundation of fundamental biochemical techniques. Experiments will include isolation, quantitation, and characterization of proteins, carbohydrates, nucleic acids, and lipids. Bioinformatics, buffers, protein crystallization, molecular biology, and enzyme kinetics will be introduced. Maintenance of accurate experimental records and lab safety are reinforced. (Fall)

308 **Biochemistry II (4)** (3 hrs. lecture, 3 hrs. lab weekly • PR: *BCHE 307/307L* with a grade of "C" or higher) This course will build on concepts covered in *BCHE 307* as well as introduction of new topics. Quantitative aspects of biochemistry, bioenergetics, and biochemical reactions will be reinforced, as well as protein function, targeting, and degradation. Nucleic acid metabolism, biological membrane function, transport, and signaling processes will be introduced. Hormone regulation and the integration of metabolism will be covered in detail. Projects may involve, but are not limited to, using yeast as a model for type-2 diabetes or using myocyte tissue culture as a model of cachexia in cancer. (Spring)

3210 **Molecular Biology (4)** (3 hours lecture, 3 hrs. lab weekly • PR: *BIOL 1151/1151L*, *CHEM 102/102L* • XL: *BIOL 3210*) This course provides a detailed overview of the molecular processes that regulate normal cellular and physiological development. This course will also cover how these molecular processes can become dysfunctional, leading to many of the pathological conditions present in human health. This course will specifically focus on how DNA, RNA, protein, and signal transduction regulation are responsible for normal development and how these processes are dysregulated in specific disease states.

BIOL • Biology

1000 **Biology in the 21st Century (4)** A survey of the structure, function, and ecology of living organisms. This course is designed for non-majors as an offering in general education. (Fall and Spring)

1150 **Biological Concepts (3)** (CO: *BIOL 1150L*) A broad introduction to the principles of living organisms. Emphases include scientific methodology, biomolecules, cell structure and function, homeostasis, metabolism and photosynthesis, population dynamics, genetics, and natural selection. (Fall)

1150L **Biological Concepts Laboratory (1)** (CO: *BIOL 1150*) The laboratory supplement to the lecture content of *BIOL 1150*. (Fall)

- 1151 Organismal Biology (3)** (PR: BIOL 1150 and 1150L; CO: BIOL 1151L) A course in topics in the life sciences designed for majors in biology. Emphases include diversity of living things, plant and animal form and function, and evolution. (Spring)
- 1151L Organismal Biology Laboratory (1)** (PR: BIOL 1150 and 1150L • CO: BIOL 1151) A laboratory experience based on the course content of BIOL 1151. This laboratory emphasizes contemporary research methods and scientific reporting in the life sciences. (Spring)
- 2002 Seminar in Biological Primary Literature I (1)** (PR: BIOL 1151 with a grade of "C-" or higher) This course focuses on the basic tools and techniques for finding, reading, and critically discussing primary scientific literature. (Fall)
- 2004 Seminar in Biological Primary Literature II (1)** (PR: BIOL 1151 with a grade of "C-" or higher, BIOL 2002) This course uses the basic skills developed previously to more deeply explore primary scientific literature. (Spring)
- 2009 Medical Terminology (1)** Designed to give students interested in the health professions a working knowledge of prefixes, suffixes, word roots and combining forms for terms commonly used for body orientation, to identify anatomical markings, and in medical diagnosis.
- 2010 Invertebrate Zoology (4)** (3 hrs. lecture, 3 hrs. lab weekly • PR: BIOL 1151 with a grade of "C-" or higher • XL: ENVI 2010) Studies of the principal phyla of the invertebrates emphasizing their increasing complexity of structure, physiology, ecology, and evolutionary relationships.
- 2030 Introductory Botany (4)** (3 hrs. lecture, 3 hrs. lab weekly • PR: BIOL 1151 with a grade of "C-" or higher • XL: ENVI 2030) Intensive review of phyla of plant kingdom. Morphology, physiology, reproduction, ecology, and principles of classification studied in each group.
- 2060 Plant Systematics (4)** (3 hrs. lecture, 3 hrs. lab weekly • PR: BIOL 1151 with a grade of "C-" or higher • XL: ENVI 2060) The classification and identification of common and economically important vascular plants with attention given to ecological associations of native plants in South Carolina. The cultural and economic impact of herbal and medicinal plants will be examined. (Fall, Alternate years)
- 2070 Biogeography (4)** (PR: BIOL 1151 with a grade of "C-" or higher • XL: ENVI 2070) Biogeography is the study of distributions of organisms, both past and present. It is the science that attempts to describe the patterns and distribution of species and larger taxonomic groups. Lecture and laboratory experiences will complement each other in an effort to comprehensively explore the ideas, philosophies, procedures, and techniques involved in biogeography.
- 2080 Parasitology (4)** (PR: BIOL 1151 with a grade of "C-" or higher) This course provides an in-depth study of parasitic organisms during both lecture and lab. Lecture topics will focus on parasite/host interactions, disease physiology, and current treatments. Lab exercises will introduce students to parasite morphology and histological examination of infected tissue.
- 2090 Cell Biology (4)** (PR: BIOL 1151 with a grade of "C-" or higher and CHEM 102) A study of the structure and function of the eukaryotic cell that includes a review of the biological macromolecules and chemical processes of the cell. The structure and functions of cell membranes, cellular organelles, and the cytoskeleton and the processes of protein synthesis and sorting, enzyme catalysis, cell movement, the cell cycle, and intracellular signaling are included. Lab exercises will include light and electron microscopy, cell fractionation, gel electrophoresis and cell tissue culture.
- 2120 Evolution (4)** (3 hrs. lecture, 3 hrs. lab weekly • PR: BIOL 1151 with a grade of "C-" or higher) The history and development of evolutionary theory from Darwinism in the 19th century to the Modern Synthesis of the 1950s to the most recent concepts and innovations. Includes references to the influence of evolutionary thought on 20th century ideas in science and humanities.
- 2150 Environmental Science (4)** (PR: BIOL 1150, CHEM 101 or PHYS 1500 • XL: ENVI 2150) Introduces students to the relationships between humans and the natural and modified environments of the earth, with an emphasis on environmental problem solving using an interdisciplinary perspective. Surveys contemporary environmental issues, such as land use change, population pressures, food security, resource extraction, pollution, and ecosystem services. Also explores the roles of ethics, politics, society, scientific research, and technology in these issues.
- 2340 Genetics (4)** (3 hrs. lecture, 3 hrs. lab weekly; PR: BIOL 1151 with a grade of "C-" or higher and CHEM 102) A problems-based introduction to molecular and classical genetics and genomics. Key sections of the course cover what genes are, how they work, how they change, how gene expression is regulated, and how genes are transmitted between

generations. Lab will provide hands-on experience with experimental approaches to many of these same questions with emphasis on bacterial molecular genetics and genomics.

2500 Special Topics (1-6)

3020 Comparative Anatomy (4) (2 hrs. lecture, 6 hrs. lab weekly • PR: BIOL 1151 with a grade of "C-" or higher) A comparative study of vertebrate morphology. Gross and microscopic anatomy of organ systems will be examined on representatives of the major classes of vertebrates. (Alternate years)

3030 Human Anatomy and Embryology (3) (3 hrs. lecture weekly • PR: BIOL 1151 with a grade of "C-" or higher; JR or SR status) This course concerns the functional morphology of the various organs within the human body and integrates these organ functions into systems that serve the needs of the human body for growth, maintenance and repair, and reproduction.

3030L Human Anatomy and Embryology Lab (1) (3 hrs. lab weekly • PR: BIOL 1151 with a grade of "C-" or higher; JR or SR status • CO: BIOL 3030) The student will gain proficiency in anatomical dissections and descriptive histology.

3040 Developmental Biology (4) (3 hrs. lecture, 3 hrs. lab weekly • PR: BIOL 1151 with a grade of "C-" or higher • RE: BIOL 2090 or 2340 • XL: ENVI 3040) The integrated fields of cytology, genetics, biochemistry, and anatomy culminate in the study of development. Students will examine how complex living systems result from an undifferentiated single cell and the forces that drive such specialization. Lectures center on development at the cellular level. The laboratory is primarily concerned with experimental embryology of selected invertebrates and lower vertebrates.

3060 Microbiology (4) (3 hrs. lecture, 3 hrs. lab weekly; PR: BIOL 1151 with a grade of "C-" or higher and CHEM 102) An introduction to microorganism with emphasis on bacteria. Topics include working with microbes, bacterial cell structure, motility and chemotaxis, microbial systematics, metabolic diversity, basics of microbial pathogenesis, and antibiotic resistance. The laboratory is organized around student research projects and provides an introduction to traditional and modern methods for the study of microbes.

3110 Physiology (3) (3 hrs. lecture • PR: BIOL 1151 with a grade of "C-" or higher and CHEM 102 • RE: CHEM 221-CHEM 222 or PHYS 1500-1510) A study of the basic functional phenomena of living organisms from unicellular through multi-cellular animals emphasizing the comparative approach.

3110L Physiology Lab (1) (3 hrs. lab weekly • PR: BIOL 1151 with a grade of "C-" or higher and CHEM 102 • CO: BIOL 3110 • RE: CHEM 221-CHEM 222 or PHYS 1500-1510) Physiology laboratory includes studies of the following: osmotic phenomena, ionic effects, small animal metabolism, hormones, circulation, respiration, and muscle physiology.

3120 Plant Physiology (4) (3 hrs. lecture, 3 hrs. lab weekly • PR: BIOL 1151 with a grade of "C-" or higher and CHEM 102 • RE: CHEM 221-222) This course is designed as an introduction into how plant cells function from seed germination to vegetative growth, maturation, and flowering. Topics include: water relationships, plant biochemistry, development, and environmental physiology. The laboratory portion includes studies of transpiration, plant mineral requirements, plant development, tissue culture, photosynthesis, and enzyme activity.

3140 Ecology (4) (3 hrs. lecture, 3 hrs. lab weekly • PR: BIOL 1151 with a grade of "C-" or higher • XL: ENVI 3140) A study of the interrelationships of plants and animals in their physical and biological environments. Structure and dynamics of the major ecosystems, with emphasis on individual behavior, populations, and communities. Lab and field work includes studies of natural and polluted systems.

3180 Immunology (4) (PR: BIOL 1151 with a grade of "C-" or higher and CHEM 102) A study of the principles of immunology. Lecture topics include organs, cells, and pathways of the immune response, antigens, antibodies, immune specificity, humoral and cellular immunity, development, activation and regulation of the immune response, and immune disorders. Laboratory exercises include identification of the components of the immune system, antibody/ antigen interactions, immunoassays, and mitogenic responses.

3200 Paleontology (4) (PR: BIOL 1151 with a grade of "C-" or higher) This course provides an in-depth introduction to the principles of paleontology. Lecture topics include models in paleontology, taphonomy, systematics and classification, morphology, paleoecology, evolution and extinction, paleobiogeography, biostratigraphy, milestone in the history of life, diversity of Phanerozoic Life, and use of index fossils in rock correlation. Laboratory exercises include fossil preservation, diversity of ancient life, ontogenetic variation, morphologic parameters and their uses, species recognition and evolution, microfossils, evolutionary patterns, and biostratigraphy as well as a survey of the major groups of fossil

organisms.

- 3210 Molecular Biology (4)** (3 hours lecture, 3 hrs. lab weekly • PR: BIOL 1151/1151L, CHEM 102/102L • XL: BCHE 3210) This course provides a detailed overview of the molecular processes that regulate normal cellular and physiological development. This course will also cover how these molecular processes can become dysfunctional, leading to many of the pathological conditions present in human health. This course will specifically focus on how DNA, RNA, protein, and signal transduction regulation are responsible for normal development and how these processes are dysregulated in specific disease states.
- 3350 Human Genetics (3)** The course is designed to introduce students who are interested in future healthcare professions to the specific effects of genetic variation on human biology primarily in settings where clinical problems arise due to mutation. Basic genetics is a prerequisite to this course. It is the intent of the course to increase both personal and professional awareness of the role and impact of genetics in healthcare. The course will review basic genetic principles; present the molecular aspects of genetic mutations; discuss classic and non-traditional inheritance; the significance of family history and pedigree analysis; genetic testing; and the ethical, legal, and social implications of the science. Emphasis is on what, why, and how to use genetic information in the healthcare professions.
- 3360 Bioinformatics (3)** Bioinformatics arises from the interaction of biology, computer science, mathematics, and statistics. It deals with the staggering amount of biological information, mainly in the form of DNA and protein sequences, and tries to find ways to organize, sort, compare, and decode these sequences to find underlying similarities and patterns that are biologically relevant. The course will cover computational methods for the study of biological sequence data: analysis of genome methods for finding fractured patterns, phylogenetic methods, and protein structure prediction and modeling. Each of the problems will be analyzed both from the biologist's and the computer scientist's point of view. Students will have the opportunity to analyze biological data and experiment with available bioinformatics tools to solve bioinformatics problems.
- 3990 Scientific Writing & Presentation (2)** A course designed to familiarize the student with the library resources and techniques for conducting a literature search of a scientific topic. Students will receive instruction on the style and mechanics of writing a scientific review article and presenting a short seminar. This course is typically taken in junior year.
- 4002 Special Projects (1-6)** (PRE: minimum 28 hours earned credit, minimum GPA of 2.25, and permission of the department and Dean) Special course projects on demand to include predominantly off-campus offerings that will necessitate students being away from campus part of the time—may be graded on regular basis.
- 4003 Honors Research (3-6)**
- 4004 Readings (1-9)**
- 4005 Directed Studies (1-9)**
- 4006 Seminar (1-9)**
- 4007 Internship (1-6)** A maximum of 3 hours credit may count toward the major.
- 4008 Research in Biology (3-6)** (PR: JR or SR status, BIOL major, minimum GPA of 2.5, and permission of the department) Independent research in one of several areas utilizing different approaches—a lab study, on-campus or off-campus studies at a biological field station or marine science lab. Students may take three to six hours during one or two semesters. Research hours cannot be terminal hours for the major.
- 4009 Special Topics (1-6)** May include field studies during the May term to give students an opportunity to study plants and animals in a variety of different habitats: overseas and local field studies; terrestrial and marine environmental study on islands such as Puerto Rico, the Virgin Islands, the Galapagos of Ecuador, etc.; fish and wildlife refuges in the eastern U.S.; or paleobiological and ecological studies of the Great Plains and the desert in the Southwest.
- 4010 Senior Seminar (3)** (PR: BIOL 3990 or POI) Each student gains an in-depth knowledge of a selected current topic in biology by conducting an exhaustive search of the literature, giving an oral presentation of the results of this research, and preparing a written paper in acceptable scientific form. Instructions in each phase of study or presentation are given by the biology faculty. Majors will take the Educational Testing Services Field Test in biology as part of this course. This course is typically taken in senior year.

CHEM • Chemistry

- 100 Chemistry: A Human Experience (4)** (3 hrs. lecture, 3 hrs. lab weekly • Students may not earn credit for both CHEM 100 and CHEM 101) Using common experience and issues of contemporary human life (air, water, energy sources, plastics, polymers, and nutrition) as points of departure, this course will develop fundamental chemical principles and relate those principles to personal, social, and environmental concerns. Features of this course are liberal use of in-class demonstrations, development of a set of demonstrations that could be used in a classroom, class discussion based in part on assigned media searches, and minimization of mathematics and theory. (Spring)
- 101 General Chemistry (3)** (3 hrs. lecture weekly • PR/CO: CHEM 101L) Designed to give a thorough grounding in the fundamental principles and theories of chemistry. While stress is laid upon the class behavior of the elements, descriptive chemistry and historical perspective are not neglected. (Fall)
- 101L General Chemistry Laboratory (1)** (3 hrs. lab weekly • PR/CO: CHEM 101) The laboratory work develops the student's lab technique, powers of observation, and ability to draw conclusions as it adds insight to the topics introduced in Chemistry 101. (Fall)
- 102 General Chemistry (3)** (3 hrs. lecture weekly • PR: CHEM 101-101L; PR/CO: CHEM 102L) Continuation of the study of general chemistry with introduction of kinetics, equilibria phenomenon, and organic chemistry. (Spring)
- 102L General Chemistry Laboratory (1)** (3 hrs. lab weekly • PR: CHEM 101-101L; PR/CO: CHEM 102) Once-a-week lab designed to emphasize concepts from CHEM 102 as well as continue the development initiated in CHEM 101L. The laboratory work consists of quantitative and qualitative studies of equilibria. (Spring)
- 221 Organic Chemistry I (3)** (3 hrs. lecture weekly • PR: CHEM 102-102L • CO: CHEM 221L) A study of carbon-based molecules with an emphasis placed on their structure, stereochemistry, reactions, reaction mechanisms, and spectroscopy. Coverage of functional groups includes alkanes, alkenes, alkynes, alkyl halides, and alcohols. Also introduced is multi-step synthesis involving these functional groups. The foundation of structure and reactivity prepares students for understanding other related fields such as biochemistry. (Fall)
- 221L Organic Chemistry I Laboratory (1)** (3 hrs. lab weekly • PR: CHEM 102-102L • CO: CHEM 221) Students are introduced to the common organic laboratory techniques used in setting up, running, and working up reactions. Also covered are techniques involving the isolation, purification, and analysis of organic molecules. Some labs are designed to teach techniques while others are used to illustrate material covered in the CHEM 221 lecture. (Fall)
- 222 Organic Chemistry II (3)** (3 hrs. lecture weekly • PR: CHEM 221-221L) A continuation of CHEM 221 in which aromatic, conjugated, carbonyl, and amine functional groups are studied in terms of their structure, stereochemistry, reactions, and reaction mechanisms. Multi-step synthesis involving reactions covered in CHEM 221 and 222 reinforces material from CHEM 221. Time permitting, biological molecules such as carbohydrates, nucleic acids, amino acids, peptides, proteins, and lipids are discussed. (Spring)
- 222L Organic Chemistry II Laboratory (1)** (3 hrs. lab weekly • PR: CHEM 221-221L; PR/CO: CHEM 222) A continuation of CHEM 221L where students practice their organic laboratory techniques on reactions that illustrate material covered in the lecture portion of the course. Lab concludes with students using techniques covered in CHEM 221L and 222L in identifying an unknown compound. (Spring)
- 258 Special Topics (1-6)**
- 311 Quantitative Analysis (4)** (3 hrs. lecture, 3 hrs. lab weekly • PR: CHEM 102-102L) An introduction to the theory and methods of quantitative analysis. Designed to fit the needs of chemistry and biochemistry majors, pre-medical students, and biology majors. Although volumetric methods are emphasized, gravimetric and instrumental methods also are utilized. (Fall)
- 312 Instrumental Analysis (4)** (3 hrs. lecture, 3 hrs. lab weekly • PR: CHEM 311 • PR/CO: PHYS 1510 or 1610) An introduction to instrumental analysis. Topics taken up in class and in lab normally include atomic and molecular spectroscopy (absorption, fluorescence, phosphorescence, Raman), electrochemistry (potentiometry, coulometry, voltammetry), chromatography (gas, liquid, electrophoresis) and mass spectrometry. (Spring)
- 322 Inorganic Chemistry (3)** (3 hrs. lecture weekly • PR: CHEM 102-120L) An introduction to inorganic chemistry that expands on the details of select topics first studied in general chemistry (CHEM 101/102). This includes: studying electronic structure of atoms to understand the origin of periodic trends, how bonds form (coordination chemistry and ligand field theory), and properties and characteristic of main group and transition metal elements.

- 322L Advanced Inorganic Chemistry Laboratory (1)** (3 hrs. lab weekly • PR/CO: CHEM 322) The laboratory work will consist of inorganic synthetic techniques, methods of purification, and methods of characterization of inorganic compounds.
- 332 Advanced Organic Chemistry (5)** (3 hrs. lecture, 6 hrs. lab weekly • PR: CHEM 222-222L) A course in the identification of organic molecules by use of both chemical and physical methods. (Alternate years)
- 342 Spectroscopy (4)** (3 hrs. lecture, 3 hrs. lab weekly • PR: CHEM 222-222L; PR/CO: PHYS 1510 or 1610) The application of spectroscopic techniques is the main focus of this course, along with the corresponding theoretical background. Course coverage includes methodologies such as infrared spectroscopy (IR), nuclear magnetic resonance spectroscopy (NMR), and mass spectrometry (MS) and how they may be employed as powerful tools in structural determination. The laboratory work will involve the student using these instruments to elucidate chemical structures. (Alternate years)
- 345 Forensic Science (3)** (PR: CHEM 222-222L) An exploration of forensic techniques that would be encountered in a typical crime lab: evidence collection, trace analysis (glass, soil, fiber, hair, etc.), latent fingerprints, ballistics, arson, drug testing, blood typing, and DNA fingerprinting. (Spring, Alternate years)
- 352 Chemistry and Art (4)** (PR: CHEM 221) Chemistry and Art explores the chemical composition, physical properties, and chemical properties of a variety of artists' materials, with emphases placed on paints, patinas, and dyes. In addition, the biochemistry of vision and color perception as well as instrumental techniques used to analyze art will be introduced. (Spring, Alternate years)
- 380 Introduction to Research (1)** (PR: CHEM 102-102L) Each student will learn the process of performing searches in the chemical literature. Projects ranging in difficulty from straightforward to complex will be assigned, culminating in a research proposal for research to be carried out during the junior/senior years. (Fall)
- 398 Honors Research (3-6)**
- 401 Physical Chemistry I (3)** (PR: CHEM 102-102L, MATH 202, and PHYS 1510 or 1610) A study of theoretical chemistry, designed to teach the understanding and use of laws of chemistry and physics. Emphasis is placed on thermodynamics. (Fall)
- 401L Physical Chemistry I Laboratory (1)** (PR: CHEM 102-102L, MATH 202, and PHYS 1510 or 1610 • CO: CHEM 401) Selected experiments investigating thermodynamic, statistical mechanical, and kinetic properties of chemical systems. Emphasis is placed on laboratory problem solving in the lab. (Fall)
- 402 Physical Chemistry II (3)** (3 hrs. lecture, 3 hrs. lab weekly • PR: CHEM 102/102L; PHYS 1510 or 1610; MATH 202 • CO: CHEM 402L • RE: MATH 302) An introduction to quantum mechanics. The historical development of quantum mechanics, atomic structure, molecular structure, and spectroscopy are presented. Applications in biospectroscopy and photobiology are highlighted. (Spring)
- 402L Physical Chemistry II Laboratory (1)** (3-hr lab weekly • CO: CHEM 402) A theoretical and experimental investigation into the structures of atoms, molecules, and nanoparticles. Special emphasis is placed on atomic and molecular spectroscopy. (Spring)
- 440 Research Experience (0)** This course provides a mechanism for awarding completion of the major's research requirement for students participating in a summer research program or research internship without awarding institutional credit.
- 442 Directed Studies (1-3)** (PR: JR or SR status and permission of the department) Designed to allow the student an opportunity for individual study of topics of special interest. This may range from off-campus projects to self-paced study of advanced topics related to the student's specific goals.
- 444 Internship (1-6)**
- 446 Readings (1-9)**
- 448 Research (3-6)** Considerable latitude allowed in choice of subject matter and type of approach. Ordinarily restricted to students of unusual promise who wish to undertake suitable research problems under staff guidance. Use of library as well as lab required.
- 450 Seminar (1-9)**
- 452 Special Projects (1-9)**
- 458 Special Topics (1-6)**

CHIN • Chinese

- 101 Introductory Chinese I (4)** A basic course designed to develop speaking, listening, reading, and writing skills and an awareness of the Chinese culture.
- 102 Introductory Chinese II (4)** A continuation of CHIN 101.
- 201 Intermediate Chinese I (3)** A continuation of the study of the Chinese language at the intermediate level.
- 202 Intermediate Chinese II (3)** (PR: CHIN 201 or placement) A continuation of CHIN 201.
- 301 Chinese Composition and Conversation I (3)** (PR: CHIN 202 or placement) This course is designed to enhance students' oral proficiency, with additional emphases on reading comprehension and basic composition.
- 302 Chinese Composition and Conversation II (3)** (PR: CHIN 301 or placement) As a continuation of Chinese Composition and Conversation I, this course is for students who have studied Chinese for five semesters (or placement equivalent) and have developed a basic sense of Chinese culture and language. The objective of this course is to improve students' oral communication and writing skills.
- 341 Business Chinese (3)** (PR: CHIN 301) This course is designed to develop skills in the Chinese language and current practices used when conducting business in Chinese. The skills of listening, speaking, reading, and writing in Chinese will be taught and practiced in audio materials, motivating texts, and other sources in business topics in the Chinese context.
- 401 Advanced Chinese I (3)** (PR: CHIN 302) A high-intermediate to low-advanced level course in Chinese designed to develop skills in oral/written communication, reading ability, acquisition of vocabulary, and cultural competency. Discussions, oral presentations, and essays on material from Chinese magazine articles, short stories, and video clips.
- 402 Advanced Chinese II (3)** (PR: CHIN 401) The aim of this course is to help advanced level Chinese learners promote Chinese language and culture awareness from extremely wide ranges. Students will be exposed to longer Chinese articles ranging in a variety of styles. Advanced oral expression and composition are emphasized as well as strengthening reading and vocabulary. Chinese culture and literature are incorporated into every class assignment and lecture.
- 442 Directed Studies in Chinese (1-9)** (PR: CHIN 202) Directed independent study in Chinese on a topic approved by the department.
- 444 Internship (1-6)**
- 446 Readings (1-9)**
- 448 Research (1-9)**
- 450 Seminar (1-9)**
- 452 Special Projects (1-9)**
- 458 Special Topics (1-6)**

CHST • Chinese Studies

- 1110 Chinese Calligraphy (1)** An introductory course on Chinese calligraphy, the art of brush writing. Through this course, students will learn the history, basic styles, and techniques of Chinese calligraphy. It is a hands-on course for learning brush writing. Chinese culture in this respect is introduced as well. The instruction will be in English. No Chinese learning background is required.
- 4004 Readings (1-9)**
- 4005 Directed Study (1-6)**
- 4006 Seminar (1-9)**
- 4007 Internship (1-6)**
- 4009 Special Topics (1-6)**

COLS • Collegiate Studies

- 1000 First-Year Exploration (1)** A course designed to introduce first-year students to strategies and resources to ensure a successful academic transition to college, while exploring their personal and professional interests, skills, abilities and goals related to vocation and calling. Theme of course determined by instructor. (Fall)
- 1500 Academic Success Plan (0)** (*pass/fail*)

2200 Second-Year Exploration (1) (PR: COLS 1000 and SO status or above) Designed for sophomore students, this course will introduce students to problem-solving and decision-making strategies, while continuing to connect their exploration of personal and professional interests, values and skills with their academic, professional and vocational training. Theme of course determined by instructor. (Spring)

4007 Internship (1-6) (PR: SO status or higher; minimum GPA of 2.75)

COMM • Communication Studies

2100 Introduction to Communication Studies (3) (PR: ENGL 1001) Introduces students to major theoretical perspectives on the relationship between human communication and social experience. Rather than focusing on communication merely as a way to transmit information, this course equips students to view rhetoric, media, and performance as the generative substance of social and political reality. Students will develop critical reasoning skills and habits of thought that are expected for upper-level courses. (Fall)

2200 Communicating Citizenship (3) (PR: COMM 2100) This course examines citizenship not as a legal category but as a mode of public engagement. It covers major statements on the rhetorical basis of civic inclusion and exclusion, and focuses extensively on the fraught relationship between categories of citizenship and race in the United States. Course themes will derive from discourses around Barack Obama's presidency, the rhetoric of postracialism, and the prophetic tradition in America. (Alternate years)

3110 Visual Rhetoric (3) (PR: ENGL 1001) Examines how visual imagery such as photographs, illustrations, graphic designs, film, and other pictorial media are used as resources for persuasive communication. This course interrogates the distinction between visual and verbal, with special emphasis on the rhetorical significance of form, shape, and design. Students will learn to analyze specific cases of visual rhetoric, and will develop practical skill in crafting persuasive messages through visual modalities. (Spring)

3210 Digital Rhetoric (3) (PR: ENGL 1001) Explores the relationship between digital communication environments and rhetorical theories of persuasion. Students will critically analyze how audiences are impacted by digital artifacts, and how digital messages alter rhetorical contexts. Course assignments will call for collaboration on multimedia platforms that complicate but also offer productive opportunities for social cooperation. (Alternate years)

3310 Writing for Mass Media (3) (PR: ENGL 1001) A workshop-based course that explores writing that is relevant to modern converged media. Beginning with genres that grew out of the newspaper industry, students will learn traditional best practices and how those are changing once images, interactive charts, podcasts, and videos play a more central role. Students will also practice compiling their written artifacts into a web portfolio.

3320 Sports Communication (3) (PR: ENGL 1001) Examines the discourse of sport from the perspective of theories grounded in rhetoric, interpersonal and organizational communication, media and journalism, and cultural studies. The course provides students with a sense for the breadth of the field, while encouraging both critical reflection and practical application of sports messaging strategies in real-world contexts. (Spring)

3340 Persuasive Podcasting (3) (PR: ENGL 1001) This course teaches students how to apply rhetorical theories of persuasion to recorded sound. Students will develop a range of communication skills such as speaking, listening, interviewing, writing for audio, digital editing, and sound design. Popular podcasts will be analyzed for their persuasive strategies, and students will produce their own persuasive podcast over the course of the semester. No prior podcasting experience is required. (Fall)

3410 The Public Sphere (3) (PR: COMM 2100) Examines changing conceptions of the public as a social and political framework for the communicative engagement with audiences. Students will confront the problem of the quality of public life in contemporary democratic culture, and will encounter practices of dialogue and deliberation that are characteristic of ethical participation in public life. Course will balance theoretical accounts of the public and its sphere(s) of activity with the study of how our own day-to-day practices of communication are implicated in broader public contexts. (Alternate years)

3420 Rhetoric and Religion (3) (PR: ENGL 1001 • XL: RELG 3420) This course examines the infrequently acknowledged connection between rhetoric and religious advocacy. While the use of rhetoric for religious purposes does fall within its scope, the course emphasizes ways in which religious appeals and symbols inform strategies for cultural change. Case

studies will span global contexts, with special attention given to problems of religious identity and democratic cooperation. (Alternate years)

- 3430 **Health Communication (3)** (PR: ENGL 1001 and 1002) An introduction to the ways we communicate about our health in the modern world. It explores current issues in modern healthcare (e.g. managed care, the Affordable Care Act), dynamics of the patient-caregiver relationship, sociocultural issues in healthcare, communicating within a health-care company or organization, and communicating about public health. (Spring, even years)

CBIO • Computational Biology

- 3370 **Bioinformatics Algorithms (3)** Topics include DNA restriction mapping, finding regulatory motifs, genome rearrangements, sequence alignments, gene prediction, graph algorithms, DNA sequencing, protein sequencing, combinatorial pattern matching, approximate pattern matching, clustering and evolution, tree construction, Hidden Markov Models, randomized algorithms.
- 4003 **Honors Research (3-6)**
- 4010 **Computational Biology Capstone (3)** (PR: POI) Students will be mentored to conduct and disseminate original research or other appropriate creative work. This culminating undergraduate experience is designed to help a student launch a career in computational biology. There are four components to this capstone experience. The first involves mastering analysis tools to manipulate and analyze experimental data. The second involves the study and assimilation of relevant literature. The third involves exposure to various modern experimental techniques, and performing experiments in an independent, though mentored, research project, and the fourth requires the dissemination of their knowledge, and demonstration of mastery through explaining to others. The course will consist of some lectures, but focus primarily on project work, along with extensive experiments and analysis. Examples of projects include: finding genomic variants in cancer vs. normal tissue, functional analysis of total metagenomic DNA from different hosts and environments, characterization of chromatin state during development or other experiments that students and their mentors select.

CRWR • Creative Writing

- 2100 **Creative Writing: Poetry (3)** Students will study and be involved in the process of writing poems by producing a portfolio of work. Contemporary poems will serve as models of the craft. Honest but tactful criticism of peers' work will be expected from each student. (Fall)
- 2200 **Creative Writing: Short Fiction (3)** Students will study and be involved in the process of writing short fiction by producing a portfolio of work. Contemporary short stories will serve as models of the craft. Honest but tactful criticism of peers' work will be expected from each student. (Spring)
- 2300 **Creative Writing: Creative Nonfiction (3)** Emily Dickinson said, "Tell the truth, but tell it slant." Using these words of inspiration and guidance, the Creative Nonfiction class will ask students to tell their own stories through personal essays that seek the essence of the story's truth but aren't afraid to use the artist's many techniques and imaginative gifts to create a work that bears the "personal stamp" of that writer/artist. Each student will build a portfolio of essays that will be analyzed through the workshop process. The class will also read and critique essays from such well-known nonfiction writers as Frank McCourt, Joan Didion, Nick Flynn, Eula Biss, Frank Conroy, Mary Karr, and Ian Frazier. (Alternate years)
- 2400 **Creative Writing: Topics in Creative Writing (3)** (May be taken more than once for credit) This course will focus on one writing genre, such as screenwriting, novel writing, novella writing, graphic novel writing, etc. Students will study and be involved in the process of writing creatively by producing a portfolio of work. Contemporary works in the chosen genre will serve as models of the craft. Honest but tactful criticism of peers' work will be expected from each student. (Alternate years)
- 2500 **Special Topics (3)** (PR: ENGL 1001 and 1002)
- 4000 **Advanced Creative Writing Workshop (3)** (PR: POI • Open to students majoring in English with the emphasis in creative writing or minoring in creative writing) An intensive study of the process of creative writing for advanced students. Students will work on large scale, individual writing projects (poetry portfolio, short-story collection, novel, novella, screenplay, graphic novel, etc.), as well as read extensively in their chosen genre. Honest but tactful criticism of fellow

students' work in class workshops will be required from each student. (Alternate years)

4002 Special Projects (1-6)

4003 Honors Research (3-6) (PR: ENGL 1001 and 1002)

4005 Directed Studies (1-6)

4007 Internship (1-4)

4100 Creative Writing: Senior Portfolio (3) (PR: POI • Open to students majoring in English with the concentration in Creative Writing or minoring in Creative Writing) The culmination of the major or minor in Creative Writing, this course requires extensive revision of previous creative work to compile a professional portfolio. Honest, but tactful criticism of fellow students' work in class workshops will be required from each student. (Fall)

CSC • Computer Science

1235 Introduction to Computer Science (3) This course will introduce the student to the field of computer science. Students will learn about the history of the field, how computer science is used in overlapping fields (business, forensics, law, mathematics, networking, computational science, etc.), the terminology of the field, problem solving skills, safety and security, ethics, and societal impact. Students will receive hands-on experience with commonly used software as well as an introduction to programming (using a modern programming language). (Fall)

2050 Enterprise MIS (3) (PR: BADM 299 • XL: BADM 314) This course is designed to introduce the student to the ways businesses use information technologies to enhance and transform business operations and support business objectives. The key topics include enterprise applications (ERP, CRM, and SCM), web-based systems (E-Commerce, B2B, and intranets), and decision support (data mining and data warehouse). The course is intended to be a survey of the current concepts and practices related to MIS implementations in businesses. As time allows, students will also apply these concepts to hands-on labs.

2100 Computing Methods for Science and Math (3) (PR: MATH 202) Covers techniques for numerical calculations, symbolic mathematical manipulations, and graphical presentation of results using spreadsheets, symbolic math packages, and procedural programming languages. (Alternate years)

2150 History of Computer Science (3) This class will provide a survey of the history of the field of computer science and its development through time, from early civilizations (3000 BC) to present day. Major figures of the field (Boole, Babbage, Turing, Zuse, Von Neumann, Jobs, to name a few) will be discussed. Review history of many areas, including software engineering, programming languages, artificial intelligence, graphics, the Internet and its features, security, and mobile technology. Discussion of philosophy, psychology, ethics, and impacts on society.

2205 Program Design I (3) Principles of program design and implementation using a modern programming language. Fundamentals of procedural programming, including basic data types, control structures, console and file input/output, subprograms, vectors and/or arrays, recursion, and pointers. Introduction to object-oriented programming, including objects, classes, member data, and member functions. Introduction to graphical user-interface programming. Students must develop and demonstrate proficiency in writing and debugging programs up to an intermediate level of complexity. (Fall)

2255 Program Design II (3) (PR: CSC 2205 with grade of "C-" or higher) A continuation of CSC 2205. (Spring)

2310 Mobile App Design (3) Principles of program design and implementation specifically geared to mobile applications using a modern programming language. Fundamentals of programming including basic data types, conditional and looping statements, functions/methods, arrays and lists, recursion, object-oriented programming, polymorphism, data structures, sorting, and searching, as well as fundamentals of app development including interface design and user interaction. Students will develop and demonstrate proficiency in writing and debugging mobile applications up to an intermediate level of proficiency. (Alternate years)

2405 Programming Languages Survey (3) (PR: CSC 2200 or 2305) This course teaches students the syntax of several popular programming languages, subject to change over time. This course is NOT intended for a student with no programming experience but as an introduction to language syntax and language coding style of several different desired languages in the industry. (Alternate years)

- 2500 Special Topics (1-6)**
- 3000 Database Processing and Design (3)** (PR: CSC1235 or BADM 299 • XL: BADM 333) This course will introduce database concepts including data modeling, normalization, database design and implementation, data administration, and, as time allows, data warehouses and data mining. The course will include hands-on experience using commercially available database software beyond simple desktop databases. (Every third year)
- 3100 Computer Organization (3)** (RE: CSC 1235 or 2205) This course introduces the student to foundational mechanisms computer architecture including Boolean and sequential circuits, assembly languages, instruction sets, internal data representations, and essential hardware components that support operating systems.
- 3300 Web Design (3)** This class will provide students with the knowledge of how to create a fully functioning website. Students will learn various programming languages used in web design, including JavaScript, PHP, ASP. NET, and Ruby. Students will also be introduced to the standard markup languages, stylesheets, and how to use Flash. Finally, students will study how to make the site aesthetically pleasing in every browser while conforming to today's web standards.
- 3405 Algorithms and Data Structures (3)** A thorough introduction to the analysis of computer algorithms and to advanced techniques for representing information. Analysis of algorithms involves measuring the time and space an algorithm uses, thus providing a method for comparing algorithms. Common algorithms and data structures are introduced and analyzed including search and sort methods, lists, trees, and graphs.
- 3450 Business Intelligence and Data Analysis (3)** (PR: BADM 299) This course surveys methods for analyzing, visualizing, and transforming business data to discover patterns that lead to predictive, diagnostic and descriptive models. The student will apply many of these methods using spreadsheets and specialized tools with hands-on projects. The course also introduces the student to data warehouse design as well as principles of data mining.
- 3500 Numerical Methods (3)** (PR: CSC 1235 OR 2205, and MATH 202 • XL: MATH 350) A study of the use of the computer to solve mathematical problems of interest to scientists and engineers. Topics include function approximation, numerical differentiation and integration, systems of linear equations, least-squares fitting, function minimization, and Monte-Carlo methods. Special emphasis is placed on using matrix methods where appropriate. Students are expected to write several programs illustrating these topics. (Alternate years)
- 3600 Computer Security (3)** Students will examine the fundamental issues in what needs to be protected, how to protect it, and how cyber-security affects everyone: from themselves as students to government officials, businesses, and law enforcement. Will learn the dangers and how to guard against them; examine the mindset of the hacker – why they do what they do, their motivations – by delving briefly into the world of cyber-psychology.
- 3705 3D Modeling and Animation (3)** (PR: CSC 1235 or 2205) This course explores concepts and methodologies for creating and exploring 3D graphics and animation. This class will introduce fundamental 3D theories and principles of computer modeling and animation. The class will also explore the history, development, and theories behind modeling and ani-mation. Essential concepts will be made concrete through a major term-long team project in which student teams will develop their own 3D models that are then used in a short animation. (Alternate years.)
- 3750 Graphics Programming and Animation (3)** (PR: CSC 1235 • XL: ART 308) This course introduces the student to programming that draws 2D or 3D images on the screen. In particular, we will study graphics packages that enable interactive drawing and animation in 2D and 3D spaces. (Alternate years)
- 3800 Artificial Intelligence (3)** (RE: CSC 3405) This course will introduce the student to a wide variety of concepts and ideas from artificial intelligence through (1) practice programming exercises; (2) readings from the text and a variety of journals; (3) interactive intelligent agents distributed through the web and other sources; and (4) lively classroom discussions. Using various components of the course, students will conduct critical analysis of current literature and formulate their own arguments to support their view of the discipline. (Every third year)
- 3905 Operating Systems (3)** (PR: CSC 1235 or 2205) This course is an overview of the essential components of a modern operating system whose primary task is to manage the computer's hardware resources. Topics include, but are not limited to, process management, memory management, device management, file systems, and interrupt handling. As time allows, students will have hands-on experience in systems programming by writing a device driver or system call. Emphasis will e in handling concurrency inherent in much of the operating system. (Alternate years.)

- 4002 **Special Projects (1-9)**
- 4004 **Readings (1-9)**
- 4003 **Honors Research (3-6)**
- 4005 **Directed Studies (1-3)** (PR: JR or SR status and minimum of 9 hrs. in CSC) Course designed to allow the student to pursue a topic of special interest under the direction of a member of the department.
- 4006 **Seminar (1-9)**
- 4007 **Internship (1-6)**
- 4008 **Research (1-9)**
- 4009 **Special Topics (1-6)**
- 4205 **Software Development (3)** (RE: CSC 3905) A hands-on introduction to the basic concepts of software development as principles are applied to medium-sized software projects. The larger part of this course is manifested as a team project that follows a software development methodology whose result is a complete and practical software system. Students are introduced to software development tools and environments as well as various development methodologies and ethics in software development. (Alternate years.)
- 4400 **Theory of Computation (3)** (PR: CSC 3405, and MATH 199 or 308) A survey of the mathematical foundations of what can and cannot be computed by introducing various classes of languages and their corresponding computational machines. The major categories of complexity for computation are introduced and analyzed including regular expressions, context-free languages, recursively enumerable sets, and intractable problems. (Alternate years.)
- 4805 **Computer Science Capstone (3)** (PR: CSC 3405) Students will be mentored to conduct original research or create a significant software project. This culminating undergraduate experience is designed to complete the understanding and build the confidence of the student to take on the responsibilities of the world outside of PC. Students must have researched project topics and chosen a suitable project for themselves or a small group. Written results of research or manuals for software projects are to be written and work presented at the end of the semester. (Spring)

ECON • Economics

- 205 **Principles of Microeconomics (3)** The study of microeconomic concepts, price theory, individual and firm choice, market structures, and distribution of income.
- 206 **Principles of Macroeconomics (3)** The study of basic concepts, national income determination, and the effects of monetary and fiscal policies.
- 258 **Special Topics (1-6)**
- 304 **Money, Banking, and Financial Markets (3)** (PR: ECON 205 and 206) A study of the nature and functions of the financial system, money, commercial banks, the Federal Reserve System, and monetary techniques and policies.
- 306 **Environmental Economics (3)** (PR: ECON 205) This course is a study of the application of economic concepts to private and public sector decision making concerning natural and environmental resources. Topics include benefit-cost analysis, intergenerational equity, externalities, public goods, property rights, valuation of environmental goods, and policy implications.
- 310 **Intermediate Microeconomic Theory (3)** (PR: ECON 205 and 206) An advanced treatment of microeconomics analysis.
- 317 **Investment Analysis (3)** (PR: ACCT 203; JR status or POI) Designed to develop a general understanding of the investment process and the particular criteria used for investment decision. Equity, bond, and derivative markets are studied. Students participate in a stock market simulation which exposes them to situations typically encountered by security analysts and investors.
- 318 **International Trade (3)** (PR: ECON 205 and 206) A study of the significance of international trade, its mechanism, and its regulation by tariffs, quotas, and governmental monopolies. The international economic position of the United States is discussed and evaluated.
- 320 **International Social Entrepreneurship (3)** This course considers basic principles and practices in Social Entrepreneurship (SE), Microfinance (MF), and Microenterprise Development (MED). Class participants will learn to

evaluate the appropriateness of SE, MED, and MF in today's international arena. A special focus will be on applied application of microfinance as a uniquely effective empowerment tool in the most poverty-stricken areas of the world. This course will be geared for practical application for students from a wide variety of disciplines and majors. MED is a relatively new academic and practitioner area of interest and this course promotes the entrepreneurial pursuit of social impact through the thoughtful adaptation of business expertise.

- 326 Comparative Economic Systems (3)** (PR: ECON 205 and 206) A comparative analytical and historical study of the principal economic systems important in the past and in the modern world. Emphasis is placed on the basic principles of capitalism and socialism.
- 327 Economics of Property Rights (3)** (PR: ECON 205 and 206) A study of property rights from philosophical, historical, and public policy points of view. The course will give special attention to the implications of property rights for economic and other freedoms and for prosperity, making use of contemporary examples and applications.
- 330 Intermediate Macroeconomic Theory (3)** (PR: ECON 205 and 206) An advanced treatment of macroeconomic analysis. (Spring)
- 341 International Political Economy (3)** (XL: PLSC 341) This course examines the evolution of the international trading system, international monetary and financial system, multinational corporations, international development, and the impact of globalization, with an emphasis on the interaction of political and economic factors.
- 350 Comparative Political Economy (3)** (PR: ECON 206 or PLSC 201 • XL: PLSC 350) This course will introduce students to both the theoretical and the substantive relationship of how government policy impacts the economy. This course will cover both the developed and developing world and will examine topics such as income inequality, social protection programs, and taxation policy, in addition to other ways in which governments intervene in the marketplace.
- 398 Honors Research (3-6)**
- 400 Capitalism: Its Foundations and Functions (3)** (PR: ECON 205 and 206) This course will focus on economic systems, with the intent of providing students with a thorough understanding of socialism and capitalism.
- 411-418 Economics Abroad (3)**
- 442 Directed Studies (1-9)**
- 444 Internship (1-6)**
- 446 Readings (1-9)**
- 448 Research (1-9)**
- 450 Seminar (1-9)**
- 452 Special Projects (1-9)**
- 458 Special Topics (1-6)**

EDEC • Early Childhood Education

- 303 Early Childhood Education Curriculum (3)** (PR: Acceptance into Teacher Education Program) This course will provide an overview of types of programs for young children with emphases on the history of early childhood education, current trends, and issues. Other areas of focus will include analysis of classroom design, selection of appropriate materials for young children, instructional planning, guidance, developmentally appropriate assessment and referral sources, modifications for children with disabilities, and parent/home relationships and communication.
- 304 Methods and Materials of Early Childhood Education (3)** (PR: Acceptance into Teacher Education Program) This course provides early childhood majors an opportunity to design developmentally appropriate instructional learning activities for young children (infancy – age 8). The course will focus on understanding and using developmentally appropriate materials and practices in content areas. Students will plan units of study that integrate curriculum areas such as literacy, math, science, social studies, health/safety, the arts, and movement. Classroom management strategies, safety considerations, diverse learners' needs, family and community connections, and the use of technology will also be addressed.
- 310 Literature for Children (3)** (PR: EDUC 201) This course will provide a survey of literature for children, acquaintance with outstanding authors and illustrators in the field and genres of literature, experiences in evaluating and selecting appropriate literature for children, and techniques for presenting literature to children and integrating it across the curriculum.

- 311 **Emergent and Early Literacy (3)** (*PR: Acceptance into Teacher Education Program*) This course will provide undergraduate students content knowledge and experiences in developing a literacy program for young children. The content will focus on language development; cultural and linguistic diversity; appropriate strategies for fostering emergent literacy; appropriate formal learning experiences in reading, writing, speaking, and listening; and varied assessment strategies. Students will study various methods of primary grade instruction, including, but not limited to, phonics; language experience; literature based, shared book experience; and the writing process. Students will also have opportunities to engage young children in literacy activities through field-based experiences. A minimum grade of “C” is required.
- 398 **Honors Research (3-6)** (*PR: Acceptance into Teacher Education Program*)
- 408 **Observation and Assessment (3)** (*PR: Acceptance into Teacher Education Program; SR status and successful completion of all requirements for clinical practice*) Provides for directed and closely supervised performance of student teachers in the full range of duties of classroom teachers. Regular seminars and personal conferences are an integral component of the course. A minimum grade of “C” is required to receive the College’s recommendation for certification.
- 409 **Planning and Seminar (3)** (*PR: Acceptance into Teacher Education Program; SR status and successful completion of all requirements for clinical practice*) Provides for directed and closely supervised performance of student teachers in the full range of duties of classroom teachers. Regular seminars and personal conferences are an integral component of the course. A minimum grade of “C” is required to receive the College’s recommendation for certification.
- 410 **Directed Teaching in Early Childhood Education (6)** (*PR: Acceptance into Teacher Education Program; SR status and successful completion of all requirements for clinical practice*) Provides for directed and closely supervised performance of student teachers in the full range of duties of classroom teachers. Regular seminars and personal conferences are an integral component of the course. A minimum grade of “C” is required to receive the College’s recommendation for certification.
- 442 **Directed Studies (1-6)** (*PR: JR or SR status; departmental majors and students in teacher certification programs; minimum GPA 2.75*) Designed to allow the student to pursue a topic of special interest.
- 444 **Internship (1-6)** (*PR: minimum GPA 2.75*)
- 446 **Readings (1-6)**
- 448 **Research (1-6)** (*PR: departmental majors and students in teacher certification programs; minimum GPA 2.75*)
- 450 **Seminar (3)**
- 452 **Special Projects (1-6)**
- 458 **Special Topics (1-6)**

EDEL • Elementary Education

- 305 **Science Methods (3)** (*PR: Acceptance into Teacher Education Program*) This course focuses on the content, methods, and materials for teaching science to elementary students. Teacher candidates will use elementary science standards, developmentally appropriate pedagogies, and a variety of assessment strategies in designing, implementing, and evaluating science experiences in elementary settings. Classroom management strategies, safety considerations, family and community connections, and the use of technology will also be addressed.
- 306 **Social Studies Methods (3)** (*PR: EDEC 311*) This course focuses on the content, methods, and materials for teaching social studies to elementary students. Teacher candidates will use elementary social studies standards, developmentally appropriate pedagogies, and a variety of assessment strategies in designing, implementing, and evaluating social studies experiences in elementary settings. Classroom management strategies, safety considerations, family and community connections, and the use of technology will also be addressed.
- 313 **Teaching Reading at the Elementary Level (3)** (*PR: EDEC 311*) The content focuses on effective pedagogy for early and fluent readers and writers; developmentally appropriate literacy materials and experiences; cultural and linguistic diversity; and diagnosis and remediation for struggling readers and writers. Candidates will have the opportunity to engage early and fluent readers and writers in literacy activities through field-based experiences.
- 398 **Honors Research (3)** (*PR: Acceptance into Teacher Education Program*)

- 405 **Observation and Assessment (3)** (PR: *Acceptance into Teacher Education Program; SR status and successful completion of all requirements for clinical practice*) Provides for directed and closely supervised performance of student teachers in the full range of duties of classroom teachers. Regular seminars and personal conferences are an integral component of the course. A minimum grade of “C” is required to receive the College’s recommendation for certification.
- 406 **Planning and Seminar (3)** (PR: *Acceptance into Teacher Education Program; SR status and successful completion of all requirements for clinical practice*) Provides for directed and closely supervised performance of student teachers in the full range of duties of classroom teachers. Regular seminars and personal conferences are an integral component of the course. A minimum grade of “C” is required to receive the College’s recommendation for certification.
- 407 **Directed Teaching in Elementary Education (6)** (PR: *Acceptance into Teacher Education Program; SR status and successful completion of all requirements for clinical practice*) Provides for directed and closely supervised performance of student teachers in the full range of duties of classroom teachers. Regular seminars and personal conferences are an integral component of the course. A minimum grade of “C” is required to receive the College’s recommendation for certification.
- 442 **Directed Studies (1-6)** (PR: *JR or SR status; departmental majors and students in teacher certification programs only; minimum GPA 2.75*) Designed to allow the student to pursue a topic of special interest.
- 444 **Internship (1-6)** (PR: *minimum GPA 2.75*)
- 446 **Readings (1-6)**
- 448 **Research (1-6)** (PR: *Departmental majors and students in teacher certification programs; minimum GPA 2.75*)
- 450 **Seminar (3)**
- 452 **Special Projects (1-6)**
- 458 **Special Topics (1-6)**

EDMS • Middle School Education

- 341 **Middle School Philosophy and Organization (3)** This course will explore the historical perspective of middle schools and examine current trends and issues in middle-level schooling, curriculum, and research. Effective programs and practices in the middle school are explored. A minimum grade of “C” is required.
- 398 **Honors Research (3-6)** (PR: *Acceptance into Teacher Education Program*)
- 400 **Middle School – Language Arts Methods (2)** (PR: *EDMS 341; SR status*) A study of content-specific methodology for middle-level language arts. The course focuses on planning, instruction, assessment, teacher resources, technology, and classroom climate. Teacher candidates will work with middle-level language arts students, classes, teams, and teachers and will use middle-level language arts standards.
- 401 **Middle School – Social Studies Methods (2)** (PR: *EDMS 341; SR status*) A study of content-specific methodology for middle-level social studies. The course focuses on planning, instruction, assessment, teacher resources, technology, and classroom climate. Teacher candidates will work with middle-level social studies students, classes, teams, and teachers and will use middle-level standards, pedagogy, and assessments.
- 402 **Middle School – Science Methods (2)** (PR: *EDMS 341; SR status*) A study of content-specific methodology for middle-level science. The course focuses on planning, instruction, assessment, teacher resources, technology, and classroom climate. Teacher candidates will work with middle level science students, classes, teams, and teachers and will use middle-level science standards, pedagogy, and assessments.
- 403 **Middle School – Math Methods (2)** (PR: *EDMS 341; SR status*) A study of content-specific methodology for middle-level math. The course focuses on planning, instruction, assessment, teacher resources, technology, and classroom climate. Teacher candidates will work with middle-level math students, classes, teams, and teachers and will use middle-level math standards, pedagogy, and assessments.
- 410 **Observation and Assessment (3)** (PR: *Acceptance into Teacher Education Program; SR status and successful completion of all requirements for clinical practice*) Provides for directed and closely supervised performance of student teachers in the full range of duties of classroom teachers. Regular seminars and personal conferences are an integral component of the course. A minimum grade of “C” is required to receive the College’s recommendation for certification.

- 411 **Planning and Seminar (3)** (PR: *Acceptance into Teacher Education Program; SR status and successful completion of all requirements for clinical practice*) Provides for directed and closely supervised performance of student teachers in the full range of duties of classroom teachers. Regular seminars and personal conferences are an integral component of the course. A minimum grade of “C” is required to receive the College’s recommendation for certification.
- 412 **Directed Teaching in Middle School Education (6)** (PR: *Acceptance into Teacher Education Program; SR status and successful completion of all requirements for clinical practice*) Provides for directed and closely supervised performance of student teachers in the full range of duties of classroom teachers. Regular seminars and personal conferences are an integral component of the course. A minimum grade of “C” is required to receive the College’s recommendation for certification.
- 442 **Directed Studies (1-6)** (PR: *JR or SR status; departmental majors and students in teacher certification programs only; minimum GPA 2.75*) Designed to allow the student to pursue a topic of special interest.
- 444 **Internship (1-6)** (PR: *minimum GPA 2.75*)
- 446 **Readings (1-6)**
- 448 **Research (1-6)** (PR: *Departmental majors and students in teacher certification programs; minimum GPA 2.75*)
- 450 **Seminar (3)**
- 452 **Special Projects (1-6)**
- 458 **Special Topics (1-6)**

EDSD • Secondary Education

- 301 **Principles and Philosophies of Education (3)** (PR: *Acceptance into Teacher Education Program*) Analysis of the organizational structure, curriculum development, and social influences that shape American “secondary” education as they affect the classroom teacher.
- 302 **Methods and Materials of High School Teaching (3)** (PR: *Acceptance into Teacher Education Program*) Limited to those students seeking the professional teaching certificate. A consideration of current theories, methods, and materials of secondary school instruction including the development of instructional practices and materials appropriate for the secondary school and familiarization with curriculum materials. Activities and topics are individualized according to the teaching programs of those enrolled. A minimum grade of “C” is required.
- 398 **Honors Research (3-6)** (PR: *Acceptance into Teacher Education Program*)
- 400 **Observation and Assessment (3)** (PR: *Acceptance into Teacher Education Program; SR status and successful completion of all requirements for clinical practice*) Provides for directed and closely supervised performance of student teachers in the full range of duties of classroom teachers. Regular seminars and personal conferences are an integral component of the course. A minimum grade of “C” is required to receive the College’s recommendation for certification.
- 401 **Planning and Seminar (3)** (PR: *Acceptance into Teacher Education Program; SR status and successful completion of all requirements for clinical practice*) Provides for directed and closely supervised performance of student teachers in the full range of duties of classroom teachers. Regular seminars and personal conferences are an integral component of the course. A minimum grade of “C” is required to receive the College’s recommendation for certification.
- 402 **Directed Teaching in Secondary School Education (6)** (PR: *Acceptance into Teacher Education Program; SR status and successful completion of all requirements for clinical practice*) Provides for directed and closely supervised performance of student teachers in the full range of duties of classroom teachers. Regular seminars and personal conferences are an integral component of the course. A minimum grade of “C” is required to receive the College’s recommendation for certification.
- 442 **Directed Studies (1-6)** (PR: *JR or SR status; departmental majors and students in teacher certification programs only; minimum GPA 2.75*) Designed to allow the student to pursue a topic of special interest.
- 444 **Internship (1-6)** (PR: *minimum GPA 2.75*)
- 446 **Readings (1-6)**
- 448 **Research (1-6)** (PR: *Departmental majors and students in teacher certification programs; minimum GPA 2.75*)
- 450 **Seminar (3)**
- 452 **Special Projects (1-6)**
- 458 **Special Topics (1-6)**

EDUC • Education

- 102 Teacher Cadet (3)** This course is a study of the history, development, organization, and practices of preschool, elementary, and secondary education This course is open to high school students only.
- 201 Introduction to Education (3)** Extensive treatment of the social, political, economic, and philosophical influences that have shaped American education will be covered in this course.
- 202 History of Education (3)** The evolution of educational theories and philosophies with particular emphasis on their impact upon educational developments in the United States.
- 210 Meeting the Needs of Culturally and Linguistically Diverse Students (3)** This course examines approaches, methods and techniques for teaching culturally and linguistically diverse learners in bilingual and ESL classrooms, as well as resources available in the field. Critically analyzes and demonstrates teaching approaches based on second language acquisition research, including teaching language through content. A minimum grade of “C” is required for Education majors.
- 214 Child Growth and Development (3)** This course is designed for the student to acquire understanding and appreciation of the mental, physical, social, and emotional aspects of development in childhood. Emphasis is on techniques of motivation, principles of learning, learning styles, individual differences, and developmental problems. Field experience is required.
- 215 Adolescent Development (3)** This course introduces students to interdisciplinary theories of adolescent development, as well as institutional and social structures that affect the experiences of, and construction of, adolescents.
- 241 Educational Psychology (3)** (*PR: PSYC 1001 • XL: PSYC 2041*) The principles and procedures of learning psychology applied to education with study of such topics as variables that affect learning, planning directing and evaluating learning. Attention is directed to contrasting theories of human learning as applied in educational settings.
- 258 Special Topics (1-6)**
- 314 Teaching the Language Arts (3)** (*PR: Acceptance into Teacher Education Program; EDEC 310*) This course will focus on content, pedagogy, and materials appropriate for teaching the six language arts (listening, speaking, reading, writing, viewing, and visually representing) in early childhood and elementary grades (Pre-K through 6th grade). Emphasis will be on the use of foundational knowledge in language development to design and implement an integrated, balanced literacy curriculum that provides differentiated instruction for a variety of diverse learners. A field-based practicum will be required in the course. A minimum grade of “C” is required.
- 315 Foundations of Reading for Middle Level and Secondary School Teachers (3)** (*PR: Acceptance into Teacher Education Program*) This course explores theoretical perspectives about literacy development, with a focus on cognitive, socio-cultural, and critical perspectives. Students explore historical trends in the study of literacy and examine the interface between research and policy. Students will also analyze current issues related to literacy instruction and their impact on middle level and secondary students. Students will apply their learning in a middle level and high school classroom by developing and implementing instructional activities that meet the needs of all learners in the content area. A minimum grade of “C” is required.
- 325 Content Area Literacy for Middle Level and Secondary School Teachers (3)** (*PR: Acceptance into Teacher Education Program; EDUC 315*) This course prepares future teachers to understand the specific literacies in their disciplines at the middle and high school levels. Students will identify challenges faced by adolescents in reading disciplinary texts and will learn a variety of strategies that help adolescents become strategic readers and develop skills needed to be literate within the discipline. The course will address reading and writing processes, using technology to enhance instruction, and a variety of literacy activities that help students make meaning from complex and varied texts and assist them in disciplinary vocabulary acquisition. Students will have opportunities to apply what they have learned in a middle level or high school classroom. A minimum grade of “C” is required.
- 371 Introduction to Special Education (3)** This course provides an overview of research and practices in special education. Topics include disability categories, legal requirements and laws, collaborating with parents/families, identification and assessment of students, and instructional strategies and interventions.

- 395 Practicum I (1)** (*PR: Acceptance into Teacher Education Program*) In this course, students will be introduced to professional conduct, legal requirements, lesson planning, teacher work samples, educational technology, and strategies for developing partnerships with families. Students will also complete 20 observation hours in a local school. There is a mandatory \$10 fee for a background check, which all students must clear in order to complete their field experience. (Fall, Junior Year)
- 396 Practicum II (1)** (*PR: EDUC 395*) In this course, students will become familiar with requirements for preservice and in-service teachers in South Carolina, including teacher evaluation and student growth models. They will also learn about classroom management and technology for communicating with families. Students will complete 20 observation hours in a local school. (Spring, junior year)
- 397 Practicum III (1)** (*PR: EDUC 396*) This practicum in classroom management and organization provides for direct involvement in the school and classroom setting during the week of preplanning and then first week of school. Students study the school context; learn effective procedures necessary for establishing, managing, and organizing a classroom; and participate in opening school experiences. (August prior to senior year)
- 398 Honors Research (3-6)**
- 399 Practicum IV (1)** (*PR: EDUC 397*) This course is designed to prepare students for their clinical practice and entrance to the teaching profession. Course content includes Praxis test preparation, curriculum mapping, teacher evaluation, professional organizations, classroom management, and educational technology. Students will complete 30 observation hours in a local school. (Fall, senior year)
- 440 Capstone Seminar in Education (3)** (*PR: Acceptance into the Teacher Education Program or consent of department chair*) This course introduces students to different types of research. It provides a context for students to demonstrate their inquiry, analytical, and writing skills. Students conduct a comprehensive project or original research in the field of education and present their findings in both oral and written formats.
- 442 Directed Studies (1-6)** (*PR: JR or SR status; departmental majors and students in teacher certification programs only; minimum GPA 2.75*) Designed to allow the student to pursue a topic of special interest.
- 444 Internship (1-6)** (*PR: minimum GPA 2.75*)
- 446 Readings (1-6)**
- 448 Research (1-6)** (*PR: Departmental majors and students in teacher certification programs; minimum GPA 2.75*)
- 450 Seminar (3)**
- 452 Special Projects (1-6)**
- 458 Special Topics (1-6)**

ENGL • English

- 1001 Introduction to Composition (3)** Students will develop proficiency in composition through a focus on close critical reading and writing as a process, including planning, drafting, revising, proofreading, and editing essay drafts. (Fall and Spring)
- 1002 Introduction to Literature (3)** (*PR: ENGL 1001*) This course focuses on themes and genres across a variety of literary texts. Students will write argument-based essays on literature that incorporate secondary sources. (Spring)
- 1010 English for International Students (3)** English language course for international students with TOEFL scores between 500 and 600. It emphasizes four-skills-language development (listening, speaking, reading, and writing), as well as the critical thinking and cultural skills needed for academic success.
- 2101 Studies in Linguistics (3)** (*PR: ENGL 1001 and 1002*) A survey of the history of the English language, an introduction to modern theories of English grammar, and a rigorous review of usage rules for written English (Spring).

- 2102 Research Methods (3)** (PR: ENGL 1001 and 1002) This course introduces students to the various research methods and practices used by literary and interdisciplinary scholars; guides students in identifying and evaluating secondary sources for use in research-based essays and projects; and asks students to apply these methods in various writing forms that comprise the research process (e.g., topic statement, research questions, abstract, annotated bibliography, and research-based final paper). Students may not take this course after taking the Senior Capstone course. (Spring)
- 2103 Introduction to Literary Theory and Criticism (3)** (PR: ENGL 1001 and 1002) A survey of major works of literary theory and criticism, beginning with classical criticism and ending with contemporary theory. Organized by historical period, the course evaluates the evolution of critical practices, emphasizing the interconnectedness of literature and theory while developing awareness of diverse methods of interpretation. (Alternate years)
- 2201 Survey of British Literature I (3)** (PR: ENGL 1001 and 1002) Individual works by major writers of British literature from Beowulf to 1798 are studied critically in chronological order, with some attention to backgrounds and characteristics of respective literary periods. (Fall)
- 2202 Survey of British Literature II (3)** (PR: ENGL 1001 and 1002) Individual works by major writers of British literature from 1798 to the present are studied critically in chronological order, with some attention to backgrounds and characteristics of respective literary periods. (Spring)
- 2203 Survey of American Literature I (3)** (PR: ENGL 1001 and 1002) A survey of American literature from the Age of Faith to the Age of Reason to the Romantic Age with emphases on the essays, poems, and fiction of Emerson, Thoreau, Hawthorne, Melville, and Whitman. A communication and evaluation of the history of ideas revealed in early American literature and relevant today. (Fall)
- 2204 Survey of American Literature II (3)** (PR: ENGL 1001 and 1002) A discussion and evaluation of the history of ideas in America from the Civil War to the present, including readings from Mark Twain and Emily Dickinson to Louise Erdrich and August Wilson. Realistic, naturalistic, existentialistic, modern, and contemporary thought and literature will be studied. (Spring)
- 2205 Survey of African-American Literature (3)** (PR: ENGL 1001 and 1002) This course asks the simple question whose answers have profound implications: What is African American literature? What are its unique aesthetic traditions (versus those it shares with American literature) and what is the historical context that shaped it? When and where does it start? What is its relationship to speech and writing and whose voices may be considered "authentic"? Who writes African American literature, for which audiences, and for what rewards? The search for answers will take students from the Middle Passage to contemporary debates over race and representation, with excursions into music, painting, fashion, performance, and so much more. (Alternate years)
- 2206 Survey of World Literature in Translation (3)** (PR: ENGL 1001 and 1002) A survey of world literature from the origins of writing to modern times. Texts range from pre-Biblical to pre-Columbian, and include early Indian epic, classical Greek drama, medieval tales from East Asia and Western Europe, Arabic verse, and West African choral storytelling. Key themes include mythic treatment of tribal relations; lyric treatments of love; epic tales of morality and action; problems of gender and power; and the relations between religion and literature. (Alternate years)
- 2207 Survey of World Literature in English (3)** (PR: ENGL 1001 and 1002) A survey of world literature from early modernity to the contemporary. Texts may be drawn from lyric poetry, drama, testimonies, travel accounts, biography, autobiography, short stories, or novels, among others. (Alternate years)
- 2208 Survey of World Cinema (3)** (PR: ENGL 1001 and 1002) A survey of the important genres, theories, techniques, and international movements of film history. Representative films from the silent era to the present, and from America to Europe and Asia, will be covered. (Alternate years)
- 2301 The Southern Film Experience (3)** (PR: ENGL 1001 and 1002) This course surveys films made in, about, or set in the American South and that seek to capture the places, events, themes, culture, and folkways associated with this region.

- 2400 Writing Tutor Practicum (1)** (PR: ENGL 1001, 1002, POI, and selection as a writing center tutor • Offered on a pass/fail basis and may not be counted toward the ENGL major) A practical course in how to help others with writing through a writer-centered approach. Students will study methods for effective tutoring in writing with actual experience in the writing center. (Fall and Spring)
- 2500 Special Topics (3)**
- 3001 Adolescent Literature (3)** (PR: ENGL 1001, 1002, and POI • Post-1900 literature course) A survey of adolescent literature (including print and non-print media) and informational materials suited to the use of junior and senior high school students. Attention given to reading interests and needs of the adolescent. Also considered is the relation of the teacher to the school library program or media center and current trends in teaching with books. (Alternate years)
- 3002 The Teaching of Composition (3)** (PR: ENGL 1001 and 1002) Beginning with a brief review of grammar, the course introduces future secondary English teachers to composition theory and the teaching of writing. Students will gain practical experience in working individually with students and grading essays. (Alternate years)
- 3101 Topics in Medieval Literature (3)** (PR: ENGL 1001 and 1002 • Pre-1900 literature • May be taken more than once for credit) A survey of significant works from the medieval period, excluding Chaucer's *Canterbury Tales*. The course will focus on one unifying theme, such as Arthurian Literature, Medieval Romance, Women in the Middle Ages, et. al. (Alternate years)
- 3102 Chaucer (3)** (PR: ENGL 1001 and 1002 • Pre-1900 literature) A study of the works of England's first major poet, with special attention to the *Canterbury Tales*. The course will include collateral readings about sources for Chaucer's work and the cultural milieu of 14th century England. (Alternate years)
- 3110 Topics in Renaissance Literature (3)** (PR: ENGL 1001 and 1002 • Pre-1900 literature) An application of Renaissance intellectual history to the study of the overreacher and the Petrarchan and Ovidian love traditions in 16th- and 17th-century English poetry and non-Shakespearean drama. (Alternate years; may be taken more than once for credit)
- 3111 Shakespeare (3)** (PR: ENGL 1001 and 1002 • Pre-1900 literature) A critical study of representative histories, comedies, tragedies, and romances, with emphasis on Shakespeare's development as a dramatic artist. (Fall)
- 3120 18th Century Poetry and Prose (3)** (PR: ENGL 1001 and 1002; 2000-level literature course or POI • Pre-1900 literature course) An examination of the chief works of Dryden, Swift, Pope, Johnson, and others against the background of 18th-century society and thought. Collateral reading; term project. (Alternate years)
- 3131 The English Novel to 1900 (3)** (PR: ENGL 1001 and 1002 • Pre-1900 literature) A study of the English novel from its emergence in the 18th century through its eminence in the 19th century, including such novelists as Fielding, Richardson, Austen, the Brontës, Dickens, Eliot, Hardy, and others. (Alternate years)
- 3133 Austenmania! (3)** (PR: ENGL 1001 and 1002) Jane Austen decisively shapes the development of the novel as a genre, but why has she achieved cult status? This course seeks to answer this question. Film homages like *Bride and Prejudice* and *Clueless*, and adaptations including *Sense and Sensibility* and *Mansfield Park*, underscore her timelessness. The course also considers the dominant Austen theme of the self in relationship to the beloved through her extraordinary novels including *Pride and Prejudice* and *Persuasion*. (Spring, Alternate years)
- 3134 Nineteenth Century British Literature (3)** (PR: ENGL 1002) This course surveys major writers from perhaps England most dynamic century. During this period, England becomes an empire upon which the sun never sets. Its preeminence is also reflected in profoundly significant ideas such as romanticism, the gothic, evolution, and 'the woman question' emerging from its shores. Not by coincidence, then, the nineteenth century produces some of England's most accomplished and influential authors. (Alternate Years)
- 3201 The American Renaissance (3)** (PR: ENGL 1001, 1002, and 2203 • Pre-1900 literature) A comprehensive survey of the literary flowering of 1850-1855 that produced the transcendentalist poetry and prose of Emerson, Thoreau, and Whitman and the novels of Hawthorne and Melville. (Alternate years)
- 3301 The Modern British and American Novel (3)** (PR: ENGL 1001 and 1002 • Post-1900 literature) A critical survey of the development of the novel in the 20th century, focusing on major authors. The reading list is determined from the following authors of the Modern Period: Forster, Joyce, Conrad, Woolf, Lawrence, Faulkner, Hemingway, and Fitzgerald. Post WWII and postmodern authors represented may include Ellison, Morrison, Pynchon, M. Amis, Fowles, Flannery O'Connor, Bellow, and Barth. (Alternate years)

- 3302 **Modern and Contemporary Poetry (3)** (PR: ENGL 1001 and 1002 • Post-1900 literature) This course is about poetry as a living art. We'll cover precursor artists, middle century "high modernists," and – especially – the postmodern and contemporary poetry scene, from the Beats to "deep image" to Spoken Word. Students will encounter the supposedly "difficult" – one poem at a time – and learn the methods that allow the poem to reveal its pleasures. Truth and beauty are on the menu; be sure to bring your appetite. (Alternate years)
- 3361 **Appalachian Literature (3)** (PR: POI • XL: SOST 3102 • Post-1900 literature) A survey of Appalachian fiction, poetry, and drama from the 1920s to the present, focusing on cultural identity, landscape, musical and religious heritage, regionalism, and migration experiences. (Alternate years)
- 3362 **Southern Jewish Literature (3)** (PR: ENGL 1001 and 1002 • Post-1900 literature) This course examines works by Jewish authors who are natives or transplants to the American South but who, in either case, consider the South their home. This "braided" community–Jews, Christians, Southerners, Americans–helps us understand the South to be far less homogeneous than otherwise imagined. Selected authors covering an array of literary genres include Uhry, Kushner, Greene, and Mirvitz. (Alternate years)
- 3363 **Southern Literature: The Big House (3)** (PR: ENGL 1001 and 1002; ENGL 2203 or 2205 for English majors/minors or SOST 2001 for Southern Studies minors • XL: SOST 3101 • Post-1900 literature course) As the organizing trope for nearly three centuries of literary production from within and about the South, the "Big House" provides the perfect lens for critical analysis of the region. Symbolizing permanence, elite status, and the glamorous lifestyles of the rich and famous alongside transience, prison houses, and existential doom, the "Big House" trope will guide an introduction to significant Southern writing from colonial America to the present, with particular attention to writers of the 20th Century and to "our" South's intimate connections to a global plantation complex. (Alternate years)
- 3370 **Women's Literature (3)** (PR: ENGL 1001 and 1002 • Post-1900 literature) A critical study of American and British women writers, which may examine the following themes: myths of the female, the woman artist, the female bildungsroman, love and friendship, communities of women, women and war, women's place in the nation, and female spirituality. (Alternate years)
- 3371 **Women's World Literature (3)** (PR: ENGL 1001 and 1002 • Post-1900 literature) A complement to ENGL 3370. An introduction to women's literature written by artists from across the globe (including Africa, the Middle East, Asia, and Latin America) which focuses on texts composed after 1900. (Alternate years)
- 3374 **Other Souths (3)** (PR: ENGL 1001 and 1002 • Post-1900 literature) In this course students learn there is more to Southern story and identity than the concerns of the class that fought the Civil War. Here, we center the "othered" in a regional literature that, more powerfully than any other, has been the staging ground for a national identity crisis pitting ideals of democracy and equality against the reality of savage inequalities across socially constructed borders of race/class/gender. Students will explore and cross these borders amid stories of pioneers and strivers, elites, and outcasts, from the mountain South to the swamps. Established themes (the Southern obsession with the past, "purity," and storytelling) will be covered, but contextualized by new conceptions of a "global South." (Alternate years)
- 3380 **Holocaust Literature (3)** (PR: ENGL 1001 and 1002 • Post-1900 literature) This course will examine the intentional destruction of European Jewry through a variety of literary forms: memoir, fiction, poetry, and film. Selected authors include Levi, Spiegelman, Kosinski, Applefeld, and Borowski. (Fall, odd years)
- 3381 **Topics in African American Literature (3)** (PR: ENGL 1001 and 1002; ENGL 2205 for English majors/minors • Post-1900 literature course) This upper-level African American literature seminar considers the contemporary, a moment of passionate creativity and prolific artistic production in a rich and complex literature. The course asks students to consider the functions of genre—whether satire, neo-slave narrative, sci-fi, gothic, or horror—and to think through the uses of periodizing terms, from realism and modernism through post-soul, hip-hop, and Afro-futurism. Most of all, students will be asked to consider how contemporary novels and films, musical trends, and even fashion participate in, reflect on, complicate, or otherwise engage in the forms of African retentions, signifying, and folklore that have created a uniquely African voice in American literature and that is, even as we map its outlines, transforming to fit the contemporary moment. (Alternate years)

- 3400 Understanding Pop Culture (3)** (PR: ENGL 1001 and 1002) This course allows students to explore questions of popular culture's role and impact on society in the 21st century. Using textual analysis, case studies, and concepts of cultural theory, students will explore whether and to what extent contemporary pop culture and media impact artistic expression, influence individual and group identity, promote discussion of ideas, and allow imagining of creative solutions to problems. Insights from the critical inquiries will then inform student projects interpreting the meanings of specific contemporary popular culture artifacts and assessing their impact on society. (Alternate years)
- 3500 Film and American Culture (3)** (PR: ENGL 1001 and 1002) A study of the way in which social, political, economic, and cultural forces in America have influenced or been depicted by or in American film. Selected directors whose films will be viewed include Griffith, Chaplin, Hitchcock, Altman, Levinson, Tarantino, and others. (Alternate years)
- 3510 Silent Film (3)** (PR: ENGL 1001, 1002, and POI) A survey of film's formative years, from the Edison kinetoscopes of the 1890s to the international flowering of the 1920s, focusing on thematic trends, development of genres, and increasing complexity of film grammar. Directors whose works we will study will include Griffith, Eisenstein, Vidor, Lang, Chaplin, Murnau, Gance, and von Sternberg. (Alternate years)
- 3511 Film Noir (3)** (PR: ENGL 1001, 1002, and POI) A survey of the classic era (1941-1958) of Film Noir, examining the literary and cinematic influences, visual style, and psychological and gender issues present in the Noir canon. We will also examine the resurgence of Noir during the decades on either side of the Millennium. (Alternate years)
- 3512 The American Western (3)** (PR: ENGL 1002) A chronological survey of American cinema's most archetypal and enduring genre, with special consideration given to race, gender, hero vs. antihero, landscape, and moral compass. Directors whose films we will study will include Hart, Ford, Hathaway, Zinnemann, Leone, Eastwood, Tarantino, and Coen. (Spring, Alternate years)
- 3520 Postcolonial Literature and Film (3)** (PR: ENGL 1001 and 1002 • Post-1900 literature) This course focuses on regions of the world that, in the mid-20th century, gained political independence after years of colonial rule (Southeast Asia, Africa, the Caribbean) and explores the rich hybridity of the literature and cinema they have produced in the past half-century. Questions raised by globalization, transnationality, and diasporic identity will also be addressed. (Alter-nate years)
- 3600 Practicum in the Writing Center (1)** (PR: ENGL 1001, 1002, and 2400 • May be taken more than once for credit; offered on a pass/fail basis and may not count toward the English major) A practical course in helping other students with writing through a writer-centered approach. The course includes mentoring beginning tutors, tutoring writers, and working on projects in the Writing Center. (Fall and Spring)
- 3650 Advanced Writing (3)** (PR: ENGL 1001 and 1002) A study of the advanced rhetorical strategies that inform a variety of writing styles, with particular emphasis on academic writing. Students will write several essays, revise them regularly, and assemble a final portfolio of their best written work. (Alternate years)
- 4002 Special Projects (1-9)**
- 4003 Honors Research (3-6)** (PR: ENGL 1001 and 1002)
- 4004 Readings**
- 4005 Directed Studies (3)** (PR: ENGL 1001 and 1002) Readings and research on a topic proposed by the student and approved by the Department of English.
- 4006 Seminar**
- 4007 Internship (1-3)** (May not be counted toward the English major) Internships in publishing, journalism, and related fields must be approved by the student's adviser.
- 4008 Research (1-6)**
- 4009 Special Topics (1-6)**
- 4100 Senior Capstone in English (3)** (PR: ENGL 1001 and 1002, and either ENGL 2101, 2102 or 2103; POI; SR status or consent of the department) Readings in literature selected by the English faculty. Course uses a seminar format in which students engage in discussion, conduct original research on a topic of their choice, and present to the class their findings in both oral and written reports. Stresses students' skills in analysis, research, and communication. (Fall and Spring)

ENVI • Environmental Studies

- 2010 Invertebrate Zoology (4)** (3 hrs. lecture, 3 hrs. lab weekly • PR: BIOL 1151 with a grade of “C” or higher • XL: BIOL 2010) Studies of the principal phyla of the invertebrates emphasizing their increasing complexity of structure, physiology, ecology, and evolutionary relationships.
- 2030 Introductory Botany (4)** (3 hrs. lecture, 3 hrs. lab weekly • PR: BIOL 1151 with a grade of “C” or higher • XL: BIOL 2030) Intensive review of phyla of plant kingdom. Morphology, physiology, reproduction, ecology, and principles of classification studied in each group.
- 2060 Plant Systematics (4)** (3 hrs. lecture, 3 hrs. lab weekly • PR: BIOL 1151 with a grade of “C” or higher • XL: BIOL 2060) The classification and identification of common and economically important vascular plants with attention given to ecological associations of native plants in South Carolina. The cultural and economic impact of herbal and medicinal plants will be examined. (Fall, Alternate years)
- 2070 Biogeography (4)** (PR: BIOL 1151 with a grade of “C” or higher • XL: BIOL 2070) Biogeography is the study of distributions of organisms, both past and present. It is the science that attempts to describe the patterns and distribution of species and larger taxonomic groups. Lecture and laboratory experiences will complement each other in an effort to comprehensively explore the ideas, philosophies, procedures, and techniques involved in biogeography.
- 2150 Environmental Science (4)** (PR: BIOL 1150, CHEM 101 or PHYS 1500 • XL: BIOL 2150) Introduces students to the relationships between humans and the natural and modified environments of the earth, with an emphasis on environmental problem solving using an interdisciplinary perspective. Surveys contemporary environmental issues, such as land use change, population pressures, food security, resource extraction, pollution, and ecosystem services. Also explores the roles of ethics, politics, society, scientific research, and technology in these issues.
- 3040 Developmental Biology (4)** (3 hrs. lecture, 3 hrs. lab weekly • PR: BIOL 1151 with a grade of “C” or higher • RE: BIOL 2090 or 2340 • XL: BIOL 3040) The integrated fields of cytology, genetics, biochemistry, and anatomy culminate in the study of development. Students will examine how complex living systems result from an undifferentiated single cell and the forces that drive such specialization. Lectures center on development at the cellular level. The laboratory is primarily concerned with experimental embryology of selected invertebrates and lower vertebrates.
- 3140 Ecology (4)** (3 hrs. lecture, 3 hrs. lab weekly • PR: BIOL 1151 with a grade of “C” or higher • XL: BIOL 3140) A study of the interrelationships of plants and animals in their physical and biological environments. Structure and dynamics of the major ecosystems, with emphasis on individual behavior, populations, and communities. Lab and field work includes studies of natural and polluted systems.
- 318 Wilderness (3)** (XL: RELG 318) This course examines the idea of wilderness throughout America’s history as it draws from various religious and philosophical views – indigenous and foreign – that have shaped perspectives of wilderness, values of natural spaces, and ecological ethics. It also probes the origins of the conservation and wilderness ideas, the creation of the world’s first national parks and protected wilderness areas, and contemporary views and policies regarding wilderness in America Today.
- 328 Environmental Politics and Policy (3)** (XL: PLSC 328) This course introduces the student to the fundamentals of U.S. environmental politics and the relevant policies that emanate from our public discourse. It covers the theoretical foundations and history of the U.S. environmental movement, as well as the analysis of substantive policy issues.
- 442 Directed Study (3)**
- 444 Internship (1-6)**
- 446 Readings**
- 448 Research (1-6)**
- 452 Special Projects (1-9)**
- 458 Special Topics (1-6)**

FREN • French

- 1001 Introductory French I (4)** A basic course designed to develop speaking, listening, reading, and writing skills and an awareness of francophone culture.

- 1002** **Introductory French II (4)** (PR: *FREN 1001 or placement*) A continuation of FREN 1001.
- 1051** **Accelerated Introductory French (4)** An accelerated course for students with previous study of French. Continues the development of fundamental skills with an emphasis on speaking and comprehension. Credit cannot be received for both FREN 1051 and 1002.
- 2001** **Intermediate French (3)** (PR: *FREN 1002, 1051, or placement*) A study of French civilization with grammar review, pronunciation, and aural comprehension practice.
- 2002** **Culture and Communication (3)** (PR: *French 2001 or placement*) This course explores various cultural aspects of France and francophone nations. Readings, audio-visual materials, class discussions and assignments will focus on strengthening the students' oral and written skills in the target language.
- 2500** **Special Topics (1-6)**
- 3001** **French Composition and Conversation I (3)** (PR: *FREN 2001 or POI*) This course is designed to develop and improve skills in oral and written communication in French.
- 3002** **French Composition and Conversation II (3)** (PR: *FREN 2001 or POI*) The focus of this course is applying essential strategies and skills for writing and conversation in contemporary French.
- 3022** **Introduction to French Cinema (3)** (PR: *French 2002, 3001 or 3002, or POI*) A survey of the history of French cinema from the silent era to the present day. Important genres, theories, and techniques from all periods will be covered. Emphasis will be placed on the most representative French cinematographic schools and auteurs throughout history, including Truffaut and the nouvelle vague and Malle and the cinema engagé.
- 3043** **French Apprenticeship (3)** (PR: *FREN 3001, 3002, or POI*) Students observe beginning language classes and eventually teach segments of the course and prepare audio-visual materials and tests under the close supervision of the first-year teacher.
- 3091** **Advanced Grammar and Phonetics (3)** (PR: *FREN 2002, 3001 or 3002, or POI*) A study of French grammar, syntax, and phonetics designed to address the difficulties encountered by the advanced students seeking to perfect their mastery of the language. (Alternate years)
- 3940** **Advanced Grammar and Syntax (3)** (PR: *FREN 2002, 3001 or 3002, or POI*) An in-depth study of French grammar and syntax designed to address the difficulties encountered by advanced students seeking to perfect their written and oral mastery of the language.
- 4000** **Introduction to Literary Appreciation (3)** (PR: *FREN 2002, 3001, or 3002, or POI*) An introduction to the vocabulary and techniques of literary criticism and to the nature of the main literary movements and genres.
- 4001** **French Literature Before 1600 (3)** (PR: *FREN 2002, 3001 or 3002, or POI*) A survey of French literature in the Middle Ages and the Renaissance. (Alternate years)
- 4002** **Special Projects (1-9)**
- 4003** **Honors Research (3-6)** (PR: *FREN 4800*)
- 4004** **Readings (1-9)**
- 4005** **Directed Study in French (3-9)** (PR: *FREN 2002 and FREN major*) Readings and research on a topic approved by the department.
- 4006** **Seminar (1-9)**
- 4007** **Internship (1-6)**
- 4008** **Research (1-9)**
- 4009** **Special Topics in French (1-6)** (PR: *FREN 2002*) Directed independent studies in areas of French civilization or foreign language teaching methods on topics approved by the department.
- 4012** **17th Century French Literature (3)** (PR: *FREN 2002, 3001 or 3002, or POI*) An examination of French classicism and the relationship of literature to painting, architecture, and music. (Alternate years)
- 4013** **18th Century French Literature (3)** (PR: *FREN 2002, 3001 or 3002, or POI*) The history of the Enlightenment in France through the works of Montesquieu, Voltaire, Diderot, Rousseau, and Beaumarchais. (Alternate years)
- 4014** **19th Century French Literature (3)** (PR: *FREN 2002, 3001 or 3002, or POI*) A study of the major literary movements in France during the 19th century including romanticism, realism, symbolism, and naturalism. (Alternate years)
- 4015** **Contemporary French Drama and Poetry (3)** (PR: *FREN 2002, 3001 or 3002, or POI*) A survey of representative

modern French poetry and theatre. (Alternate years)

- 4016 French Novel: 20th Century (3)** (PR: *FREN 2002, 3001 or 3002, or POI*) A study of major authors and new developments in the novel during the 20th century. (Alternate years)
- 4800 Signature Work in French (1)** (PR: *SR status and FREN major*) In signature work, a student integrates, applies, demonstrates, reflects on, and communicates their cumulative learning of the French language and French/ franco-phone culture in a semester-long project related to a problem or issue defined within a course or during an internship or study away experience. Signature work focuses on complex questions that are meaningful to the individual student and to society, and requires input from multiple disciplines and perspectives.

GEOG • Geography

- 301 Geography of the Developed World (3)** A survey of the technologically advanced nations emphasizing the resources, cultural characteristics, and economic activities of each region. (Alternate years)
- 302 Geography of the Less Developed World (3)** A regional survey of the less technologically advanced nations emphasizing the problems of economic developments and socio-demographic patterns. (Alternate years)

GREK • Greek

- 301 Elementary Greek I (3)** Foundational studies of the Hellenistic Greek of the New Testament. Emphasis on vocabulary building, rules of grammar, and syntax. Regular translation of Greek to English and English to Greek required. (Alternate years)
- 302 Elementary Greek II (3)** (PR: *GREK 301*) A continuation of GREK 301.
- 401 Advanced Greek I (3)** (PR: *GREK 302*) Concentrates on reading selected texts from the New Testament to improve facility with the language and understanding of more advanced points of grammar and syntax. (Alternate years)
- 402 Advanced Greek II (3)** (PR: *GREK 401*) A continuation of GREK 401.
- 442 Directed Studies (1-6)**
- 444 Internship (1-6)**
- 446 Readings (1-9)**
- 448 Research (1-9)**
- 450 Seminar (1-9)**
- 452 Special Projects (1-9)**
- 458 Special Topics (1-6)**

HEBR • Hebrew

- 261 Biblical Hebrew I (3)** An introduction to the grammar, syntax, and vocabulary of Biblical Hebrew. (Alternate years)
- 262 Biblical Hebrew II (3)** (PR: *HEBR 261*) A continuation of HEBR 261. (Alternate years)
- 442 Directed Studies (1-6)**
- 444 Internship (1-6)**
- 446 Readings (1-9)**
- 448 Research (1-9)**
- 450 Seminar (1-9)**
- 452 Special Projects (1-9)**
- 458 Special Topics (1-6)**

HIST • History

- 1100 Rise of World Cultures and Ideas (3)** A study of the emergence and development of great ideas and cultures in the ancient and medieval eras.
- 1101 Introduction to the Modern World (3)** A study of the development of great ideas and cultures of the modern era.
- 2200 American History I (3)** An account of the political, economic, military, diplomatic, religious, and social development of the United States from the founding of the colonies to c. 1865.
- 2201 American History II (3)** A continuation of the study of the United States from 1865 to the present.
- 2300 African American History I (3)** The student will understand the experiences of people of African descent from the colonial era through the end of American slavery and how these men and women helped to shape the emerging American nation.
- 2301 African American History II (3)** The student will understand the experiences of people of African descent in the United States from the end of slavery through the twentieth century and how these men and women helped to shape the American Nation.
- 2400 Ancient and Medieval Europe (3)** This course will explore the major events, transitions, and junctures in Europe to c.1500. The course will emphasize the origins of western institutions and values such as democracy and Christianity. Key areas of study include the ancient Middle East, Greco-Roman culture, medieval life and culture, the Renaissance, and the Reformation.
- 2401 Modern Europe (3)** This course will explore the major events, transitions, and historical junctures in Europe since 1500. The course will emphasize Europe's interaction with the world, as well as the rise and fall of large European imperial projects. Key areas of study include the Enlightenment, European revolutions, the development of democracy, and the World Wars.
- 2800 Encounters Afar (3)** Offered during the spring semester, this course involves students in an intensive study of a particular city's or region's history. The course culminates in a one-week study tour of the designated locale during Spring Break. (Extra fees for travel may apply.)
- 3240 History of the South (3)** This course is a survey of the history and culture of the South from the period of early settlement to the present. Special attention will be given to the Old South, the institution of slavery, the Civil War and Reconstruction, the New South, the Civil Rights movement, and the South in the Modern Era.
- 3241 Women in American History (3)** This course will introduce students to major themes in American women's history. It will examine the lives of women as workers, as family members, and as active participants in the public arenas of voluntary association and political activism. It will further explore the diversity of women's experiences in terms of race, religion, class, and ethnic identity while also touching on the lives of specific notable women in American history.
- 3242 U.S. Diplomatic History (3)** This course is a survey of American foreign relations from 1890 to the present. Particular emphasis is given to America's emergence as a global power and the Cold War.
- 3243 American Military History (3)** This course is a survey of the military history of the United States from its European backgrounds to the contemporary age.
- 3244 Religion in America (3)** (*XL: RELG 355*) This course is a survey of the American religious experience from colonial times to the present, with particular emphasis on the interaction of religion and American life.
- 3246 The JFK Assassination (3)** The student will focus the events, individuals, and conspiracy theories surrounding the assassination of President John F. Kennedy in 1963. Included will be examination of the Warren Commission report and the House Select Committee on Assassination's findings.
- 3247 The Vietnam War (3)** A survey and analysis and the Vietnam War with special emphasis on its impact on American and Vietnamese society.
- 3248 Conspiracy in American History (3)** This course surveys conspiracy and conspiracy theories in American history from the country's founding to present day. Focus will center on understanding how such beliefs come about, why they become popular, and how they can exert a significant influence on politics and culture.
- 3249 The 1960's America (3)** This course examines the events and impact of the defining period in American history from John F. Kennedy's election to the fall of Saigon in 1975. This class immerses students in the "sixties experience" and will attempt to assess what is actually meant.

- 3250 History of South Carolina (3)** This course examines the history of South Carolina and the role that the state and its peoples have played in the development of the United States as a nation.
- 3251 Race and Violence in American History (3)** The student will understand the connection between the creation of racial identity (“self” and “other”) and violence in the American experience, and the ways in which these relationships helped to shape the American nation.
- 3252 The Civil Rights Movement (3)** The student will gain understanding of the causes, successes, failures, and impact of the African American struggle for Civil Rights in 1950s/1960s America.
- 3270 Topics in American History (3)** (May be taken more than once for credit) This course is a study of a particular event, theme, or era within American history. Previous offerings include the American Revolution, JFK Assassination, the Civil War, 1960s America, the Vietnam War, and Native American History.
- 3410 Medieval England and France (3)** This course compares the stories of the rise of England and France as medieval, Christian monarchies, emphasizing the career of Charlemagne, Anglo-Saxon Christian culture, and the rivalry that emerged between the kingdoms following 1066.
- 3411 Tudor and Stuart England (3)** This course examines the upheaval and change that occurred in England in the 16th and 17th centuries when religion and politics created crises that altered the course of English history and produced a Protestant and constitutional monarchy that was poised for leadership on the world stage.
- 3413 The Soviet Union: Terrible Greatness (3)** This course follows the grand and brutal socialist experiment that began with the Russian Revolution in 1917 and ended in the dissolution of the Soviet Union in 1991. Special focus will be on the contrast between utopian visions of a glorious communist future and the harsh Soviet reality of the gulags and the terror of the secret police.
- 3414 Germany: The Restless Nation (3)** This course explores the history of Europe’s most restless nation between 1871 and 2000. The course will pay close attention to Germany’s delayed formation as a nation state, the legacy of WWI and the rise of Nazism, the impact of WWII, and the successful re-integration of Germany into the Western world after 1945.
- 3415 History of Scotland (3)** This course is a survey of the history of Scotland from earliest times to the 18th century. Principle themes of the study include how the Scottish interacted with the greater European world and in particular with England, and how the Christian tradition developed culminating in the Presbyterian Church.
- 3440 Greeks, Romans, and Barbarians (3)** This course studies the contributions of the Greeks and Romans to the West and how Greco-Roman culture was preserved or altered by post-Roman peoples.
- 3441 History of Christianity (3)** (*XL: RELG 357*) This course is a historical survey of Christianity from its beginnings to the present. Particular emphasis is on the development of Christian thought and its expression in the Church.
- 3442 Renaissance and Reformation (3)** This course studies the Renaissance and the Protestant and Catholic Reformations as transformational events that matured Europe out of its medieval past towards the modern era.
- 3443 French Revolution (3)** This course examines the origins, course, and impact of the French Revolution of 1789. It covers the Enlightenment scholars’ challenge to the abuses of absolutist France under Louis XVI, the high aspirations of the early revolutionaries, the descent into the Terror, and Napoleon’s takeover of the Revolution in 1799. Special focus will be on the commemoration and changing meaning of the event over time.
- 3444 World War II in Europe: History, Experience, and Memory (3)** This course will focus on the military, political, economic, and social dimensions of the war in Europe and the USSR. Topics and themes include: Hitler’s war aims, the uses of propaganda, civilian mobilization and “total” war, racial policies and genocide, and the collaboration and resistance of civilians under Nazi occupation. The course will conclude with a survey of the ways in which the war has been, and continues to be, commemorated and debated in the European countries that took part in the war.
- 3445 The Holocaust (3)** This course will analyze the major events and the popular memories of the Holocaust. Using memory studies as well as history, the course will cover not only the development of nationalist politics, anti-Semitism and racism within Germany, but how different social groups remember, interpret, and communicate this traumatic period.
- 3446 The First World War (3)** This course examines the most influential conflict of the 20th century: the Great War, 1914-1918. The world’s first total war shattered the old European social order, unleashed powerful political and social forces, gave rise to the ideologies of communism and fascism, and set the stage for the disaster of the Second World War. Students will participate in a simulation of the outbreak of WWI and analyze a variety of primary source documents in

order to study the conflict from different perspectives. Our course will examine the diplomatic and military aspects of the war as well as its political, economic, social, and cultural impact.

- 3447 Medieval Warfare (3)** The student will understand the theories of war, the social institutions that developed and impacted war, and the structures and instruments of war as they existed in the European Middle Ages. The student will connect facts, themes, and the larger historical context as they relate to key battles and the results that ensued and the unique medieval expression of war, namely the crusades.
- 3448 Europe Since 1945 (3)** This course is a survey of the transformation of Europe from the Second World War to the present. It will examine the impact of WWII on European politics, society, and the formation of national identity. We will also discuss the division of Europe into competing blocs, the rebirth of Germany and the economic miracle, the decline of Britain, Stalinism and the Soviet Union, Eastern Europe under Communist rule, decolonization, the uprisings of 1968, the advent of democracy in south Europe, Thatcher's Britain, Gorbachev and his policies Glasnost and Perestroika, the Revolutions of 1989, immigration and migration, race and ethnicity in Europe, and the war in Yugoslavia. This course will also examine the history of European integration.
- 3451 History of Ancient and Medieval Law (3)** (*XL: PRLW 3451*) The student will understand the general history, principles, and practices of law as expressed in the western tradition from the Mesopotamian peoples to the medieval European peoples.
- 3470 Topics in European History (3)** (*May be taken more than once for credit*) This course is a study of a particular event, theme, or era within European history. Previous offerings include Global Environmental History, Comparative Fascism, The Byzantine Empire, History of Sexuality, and World War II in the Pacific.
- 3610 History and Philosophy of Traditional China (3)** (*XL: PHIL 361*) This course examines the history and philosophy of China from early times through the late Qing dynasty (1700). Special emphasis will be placed on China's significant philosophical heritage, including such pivotal philosophers as Confucius, Mencius, Laozi, Chuangzi, Mozi, and Sunzi.
- 3611 Modern China and East Asia (3)** This course is a survey of historical developments and politics of China in the 19th and 20th centuries, particularly in the period since 1949. Briefer treatment of recent histories and contemporary politics of Japan and Korea will be included.
- 3612 History of India (3)** This course is a survey of the history and culture of India from ancient times to the present with emphases on the basic institutions of Indian life, the influence of British colonialism, and India's experience since independence.
- 3613 The Middle East from Muhammad to Napoleon (3)** This course is a survey of Middle Eastern History from the rise of Islam through the arrival of Napoleon in Egypt in 1798. This course explores the culture and history of the Islamic world with particular focus on the evolution and spread of Islam from the 7th century onward. Special focus is also given to the roles of women and religious and ethnic minorities in the region throughout this period.
- 3615 Colonial Latin America (3)** This course is a broad survey of the political, economic, social, and cultural aspects of colonial Latin American history from the arrival of Columbus to independence throughout the region. Themes explored in this course include new cultural encounters, conquest, religion, economic development, labor, and independence.
- 3616 Modern Latin America (3)** This course is a broad survey of the political, economic, social, and cultural aspects of Latin American history since independence. The course highlights the historical similarities and differences within the region, as well as the area's achievements and enduring problems.
- 3617 History of Japan (3)** This course explores the history of Japan from its origins through the late 20th century. Particular attention will be focused on the Meiji reform period of the late 19th century, and Japan's rise to global power between the World Wars.
- 3618 History of the Modern Middle East and North Africa (3)** This course explores the modern history of the Middle East and North Africa from the arrival of Napoleon in 1798 through the first Gulf War. Particular emphases will be placed on the impact of European imperialism and the rise of nationalism in the 19th century, the emergence of modern Turkey and Egypt, the origins and legacy of the Arab-Israeli conflict, decolonization in French and Italian North Africa, the role of oil in the region, the impact of the Iranian Revolution, and the legacy of the first Gulf War.
- 3640 Gender and Family in Chinese History (3)** This course explores the familial and gender roles that have dominated Chinese society since traditional times. Consideration will be given to the historical influence of Confucianism, and

primary emphasis will be placed on the 20th-century intellectuals who have sought to reform these traditionally conservative elements of Chinese society.

- 3641 Violence and Terror in Modern History (3)** This course will pursue a comparative examination of violence and terror in modern history. The class will explore the use of violence and terror in modern conflicts as well as the means through which marginal political and religious groups (Irish Republican Army, PLO, and al Qaeda) have used violence and terror to call attention to their respective causes.
- 3642 Race, Gender, and Power in Latin America (3)** This course examines how women, Indians, Africans, and mixed race peoples shaped the course of Latin American history. Students will study various historical movements and actors including the slave turned Haitian revolutionary Toussaint L'Ouverture, the brilliant 17th century nun Sor Juana Ines de la Cruz, and the cunning first lady of Argentina Eva Peron.
- 3643 The History of Mexico: Empire through Revolutions (3)** This course examines the political, social, economic, and cultural history of Mexico, beginning with independence from Spain and ending with discussions on immigration and the drug wars.
- 3644 Indigenous Politics in Latin America (3)** This course examines the history of the indigenous political movements in Latin America. Students will learn how governments contended with their indigenous constituencies, what tools indigenous peoples used to mobilize politically, and the ways in which ethnicity has shaped political participation in Central and South America, the Caribbean and Mexico.
- 3645 History of U.S.-Latin America Relations (3)** This course is an introduction to the history of relations between U.S. and Latin America. It will analyze the U.S.'s various military and political interventions in the region, as well as ideas of race, cultural and economic imperialism, and nationalism.
- 3670 Topics in Areas Studies History (3)** (*May be taken more than once for credit*) A study of a particular event, theme, or era within Area Studies. Previous offerings include History of the South Pacific, The Jesuits in Asia, Revolutions in Latin America, Slavery and Abolition in the Americas, etc.
- 4000 Senior Seminar Prerequisite (3)** (*PR: POI*) This course runs concurrently with a 3000-level course and serves as a content-based prerequisite for HIST 4001.
- 4001 Senior Seminar (3)** (*PR: JR or SR status; HIST major; POI*) This course consists of readings, discussion, and oral and written reports on a topic selected by the department faculty.
- 4002 The Historian's Craft (3)** This course will introduce students to the various approaches historians have taken to understanding and interpreting the past. The course will emphasize the various perspectives and goals of historians, with an emphasis on those developed in the 20th century. Though it is intended primarily to prepare students for further studies in history and the humanities, it will be of value to all history majors.
- 4003 Honors Research (3)**
- 4004 Reading (1-3)** (*PR: JR or SR status; Minimum GPA = 2.75*) Reading is designed for students desiring better grounding in the literature of an area of historical study. Hours earned in Reading may be applied to the elective credits of the history major or minor by permission of the department. A maximum of three credit hours of HIST 4003, 4004, 4005, or 4007 can be taken in a semester, and a maximum of six credit hours in HIST 4004, 4005, and 4007 may be applied to the history major or minor.
- 4005 Directed Study (3)** (*PR: JR or SR status; Minimum GPA = 2.75*) Directed Study is designed for students interested in pursuing additional study in an area of the student's choosing. Each directed study will culminate in a research paper or its equivalent. Students must have a GPA of 2.75 or better. Hours earned in Directed Study may be applied to the elective credits of the history major or minor by permission of the department. A maximum of three credit hours of HIST 4003, 4004, 4005, or 4007 can be taken in a semester, and a maximum of six credit hours in HIST 4004, 4005, and 4007 may be applied to the history major or minor.
- 4007 Internship (3)** Internships must have a history component in order to receive credit as HIST 4007. Hours earned in Internship may be applied to the elective credits of the history major or minor by permission of the department. A maximum of three credit hours of HIST 4003, 4004, 4005, or 4007 can be taken in a semester, and a maximum of six credit hours in HIST 4004, 4005, and 4007 may be applied to the history major or minor.
- 4009 Special Topics (1-6)**

IENG • Intensive English

- 1001 Intermediate Listening and Speaking (3)** The focus of this course is developing aural and spoken English skills and knowledge for academic and social situations. Students will improve their listening and speaking abilities in the classroom through group and pair activities, pronunciation practice, and project work. Opportunities to interact with native English speakers outside of the classroom are presented and encouraged through assignments of conducting surveys and interviews, keeping a listening log, and structured conversations in a Conversation Partner Program, which pairs IEP students with traditional PC students.
- 1002 Intermediate Reading (3)** The focus of this course is building reading skills and strategies needed to understand and discuss short articles, as well as longer reading assignments including textbook chapters likely to be found in post ESL courses. These skills include improving reading rate, building comprehension, and expanding a student's vocabulary. This course also focuses on developing the skills required for success in the classroom: managing time effectively, adjusting learning styles, producing spoken and written summaries, note taking, etc.
- 1003 Intermediate Writing (3)** The focus of this course is gaining fluency and confidence in written communication and becoming comfortable as writers. Students will explore and apply the writing process, including brainstorming, organizing, writing drafts, proofreading, and revising. The process of writing multiple drafts through revision will be applied to three 24-page essays. Weekly one page reaction papers will also be used to develop fluency and to lessen anxiety about the writing process. Instruction will also be given on how to write formal emails. Students will develop and maintain an electronic portfolio.
- 1004 Intermediate Grammar (3)** The focus of this course is using acceptable and appropriate grammar with speaking/ listening and writing. Students will review grammatical structures of the English language through dialogues, interviews and short presentations, as well as various readings. Grammar will be presented as a system to help students understand the patterns of the language and students will be expected to be able to discuss grammatical issues as well as identify and correct grammatical concerns in their and their peers speaking and writing.
- 1005 Intermediate Content (1)** This course takes an integrated skills approach to explore the topic of service learning. Students will study the history of volunteerism in the US, South Carolina, and Clinton. Service learning opportunities on and off campus will be provided to enable students to utilize their English skills in real-life situations. Writing assignments will include an online weekly journal to chronicle students' thoughts and reflections on their experiences. Students will also give short oral reports to the class on their experiences, including successes and difficulties experienced (e.g., dialect) and how those experiences affected the students. Reading and vocabulary quizzes will also assess student progress.
- 1006 American English Pronunciation (1)** The focus of this course is improving English pronunciation with an introduction to U.S. accent variations and other factors influencing cross-cultural communication. Students will identify individual pronunciation features such as specific sounds, stress, intonation, rhythm, etc. Students will work to achieve greater comfort and clarity with spoken English. This course can be retaken multiple times.
- 1011 High Intermediate Listening & Speaking (3)** The focus of this course is learning and strengthening the skills of conversation and discussion often used on the campuses of North American colleges and universities. Students will more fully develop awareness of different academic and social situations which will require different levels of politeness and personal attention. Activities will include a reflective listening journal, note-taking, and short 57 minute in-class presentations/speeches. Students will also observe, reflect on and report on courses in their major.
- 1012 High Intermediate Reading (3)** The focus of this course is developing specific strategies for improving reading comprehension and rate by using authentic materials: media and college related texts. Academic vocabulary development will be an important component of the class so that the students are better able to understand more complex written information. Through on campus interviews and discussion groups, students will understand the norms and expectations of the U.S. academic environment. Students will be in reading groups with US students and/ or PC faculty & staff, and will submit a running journal of the meetings.
- 1013 High Intermediate Writing (3)** The focus of this course is on improving academic writing skills needed to write more structured and complex essays in English. This course will guide students from formulaic writing to more comprehen-

sive writing by developing skills to express arguments clearly and with strong support. Writing with library and Internet research using direct citations and APA formatting will be guided through instruction. Other components of the course include timed writings, peer evaluations, and the development of an electronic portfolio.

- 1014 High Intermediate Grammar (3)** The focus of this course is improving knowledge and use of written grammar as it applies to North American colleges and universities. It will build on the knowledge and skills taught in IENG 1004. Through various readings and the students' own writings, various grammatical structures will be explicitly examined, practiced, and applied. Topics will include, but not be limited to, verb usage, sentence structure, clause formation, and singular/plural agreement.
- 1015 High Intermediate Content (3)** This course takes an integrated skills approach to explore the topic of the American South. Students will learn about artistic, musical, theatrical, culinary, agricultural and/or other aspects of American culture. They will also contribute to the ongoing development of the Textile Mills Memory Project (TMMP), an archive of artifacts surrounding the Mills in Laurens County, South Carolina. In addition to more traditional assignments, students will produce a research paper on some component of textile mill culture in rural South Carolina.
- 1021 Advanced Listening & Speaking (3)** The focus of this course is developing high level listening and speaking skills which are integral to participating in North American college classrooms, both within the class as a whole and within groups and pairs. Students will focus on improving group discussion, oral presentation, and pronunciation skills drawing on the vocabulary and content of their majors. Development and use of professional looking PowerPoint/Prezi presentations will also be covered.
- 1022 Advanced Reading (3)** The focus of this course reading at an advanced level through an integrated skills content based design. Thus students will strengthen the development of college level reading skills to allow not only the successful navigation of readings in academic courses, but also to write about and discuss those readings in different modes as well. Students will work with an authentic textbook and supplemental materials to explore various text modes, strategies of understanding, and methods of meaning negotiation. Online discussions and readings will also be used to explore current issues.
- 1023 Advanced Writing (3)** The focus of this course is to enable students to write proficiently and confidently at a level equal to first year American college students. Students will complete three to four essays of 46 pages, each representing those most frequently written by college students (e.g., compare/contrast, definition, rhetorical analysis). They will learn specific organizational strategies and elements of style which match North American academic expectations. Writing with library and Internet research using direct citations, paraphrasing, and MLA formatting will be covered through direct instruction. Multiple revisions will be complemented by conferences with the instructor, Writing Center tutors, and peer editing, as well as the development of an electronic portfolio.
- 1024 Advanced Grammar (3)** The focus of this course is to reinforce and expand upon the grammatical structures covered in IENG 1014 so as to further strengthen students' abilities to write in a coherent and proficient manner. Students will learn how skillful grammar use not only adds clarity to one's writing, but also increases fluency, style, and scope. Particular emphasis will be placed on self and peer review to enable students to become independent editors of their own writing.

INTL • International Studies

- 258 **Special Topics (1-6)**
398 **Honors Research (3-6)**
440 **Senior Capstone in International Studies (1)**
444 **Internship (1-6)**
452 **Special Projects (1-9)**
458 **Special Topics (1-6)**
480 **Study Abroad**
481 **USA Program**

LAST • Latin American Studies

- 3018 Political Violence and Culture in Latin America (3)** (PR: SPAN 2002, 3001 or 3002, or POI • XL: SPAN 3018) The 20th century saw Latin America preoccupied by the struggle over socialism and communism. This course will examine cultural representations of this struggle through film and short stories. Films will have subtitles and short stories will be available in English and Spanish.
- 3035 Introduction to Latin American Studies (3)** (PR: SPAN 2002, 3001 or 3002, or POI • XL: SPAN 3035) An interdisciplinary course that provides a general overview of the historical, political, sociological, religious, and cultural development of Latin America.
- 3050 Latin American Cinema (3)** (PR: SPAN 2002, 3001 or 3002, or POI • XL: SPAN 3050) This course focuses on the development of Latin American film in the major filmmaking countries: Brazil, Mexico, Argentina, and Cuba. The course explores the nature of film itself, contextualizing cinematic production with historic, social, and aesthetic tensions in the construction of Latin American identity.
- 442 Directed Studies (1-6)**
- 444 Internship (1-6)**
- 446 Readings (1-9)**
- 448 Research (1-9)**
- 450 Seminar (1-9)**
- 452 Special Projects (1-9)**
- 458 Special Topics (1-6)**

MATH • Mathematics

- 110 Mathematics for the Liberal Arts (3)** (Students with credit for any MATH course numbered 200 or higher may not enroll in MATH 110) This course provides a survey of mathematics emphasizing problem solving, critical thinking, and quantitative reasoning. Topics vary and are chosen by the instructor. The focus is on mathematics as encountered in the world and the connections between mathematics and the liberal arts. (Fall and Spring)
- 120 Introductory Statistics (3)** Students will be introduced to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students will learn how to describe patterns and departures from patterns in data, plan and conduct a study, explore random phenomena using probability and simulation, estimate population parameters with confidence and test hypotheses about population parameters. (Fall and Spring)
- 199 Applied Calculus (3)** (Students may not receive credit for both MATH 199 and MATH 201) A one-semester introduction to the differential and integral calculus of algebraic, exponential, and logarithmic functions with applications in the social and biological sciences, including business and economics. This is a terminal course and does not prepare the student for MATH 202. (Fall and Spring)
- 201 Calculus I and Analytic Geometry (3)** (Students may not receive credit for both MATH 199 and MATH 201) The first of a four-course sequence of calculus and analytic geometry. Although topics covered in each of the four-courses will vary with the textbook used, this course includes topics from analytic geometry, limits, continuity of functions, the derivative, differentiation techniques for algebraic and trigonometric functions, and applications of the derivative to graphing, maxima/minima problems, and related rates. (Fall and Spring)
- 202 Calculus II (3)** (Majors and minors must make a grade of "C" or better) A continuation of MATH 201 with the definite integral; applications of the definite integral in finding areas, volumes, work, and arc length; differentiation and integration of exponential, logarithmic, and other transcendental functions; and techniques of integration, including integration by parts, substitutions, partial fractions, and tables. (Fall and Spring)
- 203 Math for Elementary Teachers I (3)** (PR: Acceptance into Teacher Education Program and EDEC, EDEL and SPED majors only) The course will address the following mathematical topics: problem-solving strategies, logical reasoning, sets, whole numbers, numeration systems, integer operations, properties and their links to algebra, estimation and mental computations, place value and whole number operations and algorithms in bases other than 10, number theory, prime and composite numbers, divisibility and common factors and multiples. All skills related to teaching mathematics (Pk-6).
- 204 Math for Elementary Teachers II (3)** (PR: MATH 203, Acceptance into Teacher Education Program, and EDEC, EDEL

and SPED majors only) This course covers the skills, theory and understanding used for properties, operations, and problem solving for integers, elementary fractions, rational numbers and real numbers. Selected topics in statistics and probability are introduced with a hands-on approach to learning. Class integration of mathematical concepts using manipulatives and concrete models will also be covered for teaching.

- 210 Data Analysis and Statistical Computing (3)** This course is a data-oriented approach to analyzing data by arguing from the sample to the population. Topics include numeric and graphical measures of describing data, density curves, the normal random variable, interpreting scatterplots, correlation, least squares regression, sampling, experimental design, discrete and continuous probability models, random variables, sampling distribution for counts, proportions and sample means, inference about means and proportions, analysis of two-way tables, analysis of variance, bootstrap methods, and nonparametric methods. (Spring)
- 212 Data Analysis and Statistical Computing II (3)** (*PR: MATH 210*). This course is an advanced extension of Data Analysis and Statistical Computing that exposes the student to emerging statistical methodology and concepts for those students seeking careers as an analyst. Topics include: construction of models, assessing model assumptions, formal inference, regression with a single predictor, multiple linear regression, model selection strategies, indicator variables, polynomial regression, multicollinearity problems, logistic regression, other generalized linear models, time series, repeated measures. The student will develop their fluency in R.
- 221 Transition to Advanced Mathematics (3)** (*PR: MATH 202 or MATH 201 with POI • Math majors and minors must make a grade of "C" or better*) This course is designed to prepare a student for advanced math courses and covers concepts and techniques used in studying logic, proofs, set theory, relations, functions, and cardinality of sets. (Fall and Spring)
- 258 Special Topics (1-6)**
- 301 Calculus III (3)** (*PR: MATH 202*) A continuation of MATH 201 and 202. Topics covered include indeterminate forms, improper integrals, sequences and series, power series, conic sections, and curves given by parametric and polar equations with applications of derivatives and integrals to these curves. (Fall and Spring)
- 302 Calculus IV (3)** (*PR: MATH 202*) The last course in the four-course calculus sequence. Topics are multivariate calculus, including solid analytic geometry; vectors in three dimensions; vector valued functions, functions of several variables; partial derivatives; and multiple integrals. (Fall and Spring)
- 305 Complex Variables (3)** (*PR: MATH 221 and 302*) This course is a study of the complex plane and the calculus of functions of a complex variable. Topics include the algebra and geometry of complex numbers, limits and derivatives of functions of a complex variable, the Cauchy-Riemann equations, contour integrals, Taylor and Laurent series, and residues. (Fall, even years)
- 307 Linear Algebra (3)** (*PR: MATH 202 and 221*) A study of vector spaces, subspaces, bases, and dimension with applications to solving systems of equations. Also includes linear transformations, representation of linear transformations by matrices, eigenvalues, eigenvectors, and diagonalizing matrices. (Spring)
- 308 Discrete Mathematics with Graph Theory (3)** (*PR: MATH 221 or POI*) An introduction to Discrete Mathematics. Topics include set theory and foundations, mathematical induction, recurrence relations, algorithms, graph theory, and combinatorics. (Fall, even years)
- 309 Modern College Geometry (3)** (*PR: MATH 202 and 221*) A study of the axiomatic method, neutral geometry, plane Euclidean geometry, and plane hyperbolic geometry. (Fall, odd years)
- 311 Probability and Statistics (3)** (*PR: MATH 221 and 302, or MATH 221 and 301 with POI*) A calculus-based introduction to probability with application to statistics. (Spring, odd years)
- 313 Abstract Algebra (3)** (*PR: MATH 202 and 221, or POI*) This course covers algebraic structures such as groups, subgroups, quotient groups, rings, ideals, integral domains, fields, and polynomial rings and the relationships of these structures to the number system. (Fall, even years)
- 317 Number Theory with History of Mathematics (3)** (*PR: MATH 221*) This course serves as an introduction to the theory of numbers. Areas of focus include congruences, the distribution of primes, primitive roots, quadratic reciprocity, and perfect numbers with special emphasis on the historical development and personalities behind each topic. (Fall, odd years)
- 350 Numerical Methods (3)** (*PR: CSC 1235 or 2205, and MATH 202; XL: CSC 3500*) A study of the use of the computer to solve mathematical problems of interest to scientists and engineers. Topics include root finding

(bisection, secant, Newton, Muller), numerical differentiation (Richardson extrapolation), integration (Gaussian quadrature, adaptive methods), systems of linear equations (Gaussian, pivoting), and ordinary differential equations (Taylor, Runge-Kutta). Special emphasis is placed on using matrix methods where appropriate. Students are expected to write at least 10 programs illustrating these topics. (Spring, even years)

398 Honors Research (3-6)

401 Differential Equations (3) (PR: *MATH 301 or 302 and POI*) This course includes first and second order differential equations and linear equations with constant and variable coefficients. Topics will include separable equations, exact equations, integrating factors, method of undetermined coefficients, reduction of order, variation of parameters, series solution near an ordinary point, and series solution near a regular singular point. (Spring)

405 Advanced Calculus (3) (PR: *MATH 221 and 302*) This course include topics such as the real number system, the completeness property, numerical sequences and series, continuity and uniform continuity of functions, differentiation, the Riemann integral, sequences and series of functions, and metric spaces (Fall, odd years)

430 Senior Seminar for Mathematics Teachers (1) (PR: *Senior Mathematics Education Majors*) Students will explore secondary school mathematics using peer teaching and peer review. The course will help prepare students for student teaching and provide a review of topics typically covered on the standardized test used for teacher certification.

440 Senior Capstone in Mathematics (3) (PR: *Senior Traditional or Applied Mathematics Majors*) A seminar for senior Traditional and Applied Mathematics majors, emphasizing the application of previous content to the study of new topics. Supervising faculty member(s) facilitate students' projects, including both written and oral presentations. (Spring)

441 Senior Capstone in Teaching Mathematics (1) (PR: *Senior Mathematics Education Majors • CO: EDSD 400, 401, 402*) The capstone for senior Mathematics Education majors is taken in conjunction with student teaching. Students keep a journal to reflect upon their mastery of mathematical knowledge and their understanding of teaching and learning. The supervising faculty member(s) observe and assess the majors' content knowledge and student teaching. (Spring)

442 Directed Study in Mathematics (1-3) Hours and credit arranged to meet the needs of the student. Open to junior and senior departmental majors by special permission. Subject matter pertaining to the student's field of interest.

444 Internship (1-6)

446 Readings (1-9)

448 Research (1-9)

450 Seminar (1-9)

452 Special Projects (1-9)

458 Special Topics (1-6)

MDST • Media Studies

230 Introduction to Media Studies (3) Introduction to the variety of discourses used in today's media, along with practical training in producing online media. Students will work for the online student newspaper — possibly another student media as well — gaining first-hand experience editing and producing media. (Fall)

442 Directed Studies (1-6)

444 Internship in Media Studies (3-6) Internship in an approved media studies field: journalism or business. Students' work is closely supervised in the organization where the internship is undertaken and students are required to submit weekly written reports on their work to their faculty supervisor.

446 Readings (1-9)

448 Research (1-9)

450 Seminar (1-9)

452 Special Projects (1-9)

458 Special Topics (1-6)

MILS • Military Science

101 Introduction to the Army and Critical Thinking (2) (2 hrs. lecture, 3 hrs. lab weekly) Students are introduced to the per-

- sonal challenges and competencies that are critical for effective leadership. Cadets learn how the personal development of life skills such as critical thinking, goal setting, time management, physical fitness, and stress management relate to leadership, officership, and the Army profession. (No military obligation incurred for non-contracted students.)
- 101L Basic Leadership Lab I (0)** (3 hrs. lab weekly • PR: POI • CO: MILS 101) ROTC lab introducing all elements of classroom instruction into field training focusing on basic knowledge and comprehension of the Army leadership dimensions. Lab is designed to introduce the freshman cadet to drill and ceremony, marksmanship, land navigation, first aid, small unit tactics, obstacle course training, and water survival. Required for contracted cadets.
- 102 Introduction to the Profession of Arms (2)** (2 hrs. lecture, 3 hrs. lab weekly) Gives an overview of leadership fundamentals such as setting direction, problem solving, listening, presenting briefs, providing feedback, and using effective writing skills. Cadets explore dimensions of leadership values, attributes, skills, and actions in the context of practical, hands-on, and interactive exercises. Introduces small unit tactics and techniques. (No military obligation incurred for non-contracted students.)
- 102L Basic Leadership Lab II (0)** (3 hrs. lab weekly • PR: POI • CO: MILS 102) ROTC lab bringing together all elements of classroom instruction into field training focusing on basic knowledge and comprehension of the Army leadership dimensions. Lab is designed to introduce the freshman cadet to drill and ceremony, marksmanship, land navigation, first aid, small unit tactics, obstacle course training, and water survival. Required for contracted cadets.
- 105 Accelerated Foundation of Leadership (3-4)** (Offered by exception only and with POI) This course merges MILS 101 and 102 into an accelerated class. Military obligation is incurred due to linkage to follow-on courses and commissioning.
- 201 Innovative Team Leadership (2)** (2 hrs. lecture, 3 hrs. lab weekly) Explores the dimensions of creative and innovative tactical leadership strategies and styles by examining team dynamics and historical leadership theories that form the basis of the Army leadership framework. Cadets practice aspects of personal motivation and team building in the context of planning, executing, and assessing team exercises. (No military obligation incurred for non-contracted students.)
- 201L Basic Leadership Lab III (0)** (3 hrs. lab weekly • PR: POI • CO: MILS 201) This laboratory class continues to build on skills learned in Basic Leadership Labs I and II by bringing together all elements of classroom instruction into field training focusing on basic knowledge and comprehension of the Army leadership dimensions. Lab is designed to reinforce the sophomore cadet's introduction to drill and ceremony, marksmanship, land navigation, first aid, small unit tactics, obstacle course training, and water survival. Required for contracted cadets.
- 202 Foundations of Tactical Leadership (2)** (2 hrs. lecture, 3 hrs. lab weekly) Examines the challenges of leading tactical teams in the complex contemporary operating environment. This course highlights dimensions of terrain analysis, patrolling, and operation orders. Further study of the theoretical basis of the Army leadership framework explores the dynamics of adaptive leadership in the context of military operations. (No military obligations incurred for non-contracted students.)
- 202L Basic Leadership Lab IV (0)** (3 hrs. lab weekly • PR: POI • CO: MILS 202) This laboratory class continues to build on skills learned in Basic Leadership Lab III by bringing together all elements of classroom instruction into field training focusing on basic knowledge and comprehension of the Army leadership dimensions. Labs are designed to reinforce the sophomore cadet's introduction to drill and ceremony, marksmanship, land navigation, first aid, small unit tactics, obstacle course training, and water survival. Required for contracted cadets.
- 205 Accelerated Leadership and Teamwork (3-4)** (Offered by exception only and with POI) This course merges MILS 201 and 202 into an accelerated class. Military obligation is incurred due to linkage to follow-up courses and commissioning.
- 210 Basic Army Physical Fitness (1)** Basic Army physical fitness develops, improves, and maintains the high level of physical strength and stamina required to be successful as a military officer. Training includes basic nutrition and fitness, running, upper body exercises, flexibility, and recreational activities. Course may be repeated for credit. Course is required for contracted cadets.
- 250 ROTC Leadership Training Course (6-8)** (Requires approval of Professor of Military Science; Pass/Fail) Summer training at Fort Knox, Kentucky that introduces students to Army training. Enrollment is open to students with no more than 3 semesters of military science completed and no prior military experience. Students must have at least 2 years

remaining before graduation. This course may be taken in lieu of the basic courses. Camp graduates are eligible for enrollment in advanced military science. Travel pay and salary provided. (No military obligation incurred. Contract is optional.)

- 301 Adaptive Team Leadership (3)** (3 hrs. lecture, 3 hrs. lab weekly • PR: Basic Course or Equivalent Training Approved by Professor of Military Science) Cadets study, practice, and evaluate adaptive leadership skills as they are presented with challenging scenarios related to squad tactical operations. Cadets receive systematic and specific feedback on their leadership attributes and actions. Based on such feedback, as well as their own self evaluations, cadets continue to develop their leadership and critical thinking abilities.
- 302 Applied Team Leadership (3)** (3 hrs. lecture, 3 hrs. lab weekly • PR: Basic Course or Equivalent Training Approved by Professor of Military Science) Cadets face increasingly intense situations in order to build awareness and apply team leadership skills in leading tactical operations at the small unit level. Cadets review aspects of combat, stability, and support operations. They also conduct military briefings and develop proficiency in the operation orders process. The focus is on exploring, evaluating, and developing skills in decision-making, influencing others, and motivating team members in the contemporary operating environment. Cadets are evaluated on what they know and do as leaders as they prepare to attend the Leader Development Assessment Course.
- 401 Mission Command and the Army Profession (3)** (3 hrs. lecture, 3 hrs. lab weekly • PR: MILS 301-302) Cadets learn the duties and responsibilities of an Army staff officer and apply the military decision making process, the Army writing style, and the Army's principles of training management during weekly training meetings to plan, execute, and assess ROTC battalion training events. Cadets study the special trust proposed to Army officers by the U.S. Constitution and the President of the United States and how Army values and leader ethics are applied in the contemporary operating environment. Cadets learn the Army officer's role in the Uniform Code of Military Justice, the counseling of subordinates, administrative actions, and how to manage their career as an Army officer. Senior cadets train, mentor, and evaluate junior cadets while being mentored and evaluated by experienced ROTC cadre.
- 402 Mission Command and the Company Grade Officer (3)** (3 hrs. lecture, 3 hrs. lab weekly • PR: MILS 301-302) Cadets explore the dynamics of leading in the complex military situations of the contemporary operating environment. Cadets examine the differences in customs and courtesies, military law, principles of war, and rules of engagement in the face of international terrorism. Cadets also explore aspects of interacting with non-governmental organizations, civilians of the battlefield, and host nation support. This course places significant emphasis on preparing cadets for their first unit of assignment using case studies, scenarios, and exercises to prepare cadets to face complex ethical and practical demands of leading as commissioned officers in the U.S. Army.
- 405 Accelerated Leadership, Management, and Officership (3)** (Offered by exception only and with consent of Professor of Military Science) This course merges MILS 401 and 402 into an accelerated class. Military obligation is incurred.
- 444 Internship (1-6)** Offered to contracted cadets only with prior approval from the Professor of Military Science.
- 446 Readings (1-9)** Offered to contracted cadets only with prior approval from the Professor of Military Science.
- 448 Research (1-9)** Offered to contracted cadets only with prior approval from the Professor of Military Science.
- 450 Seminar (1-9)** Offered to contracted cadets only with prior approval from the Professor of Military Science.
- 452 Special Projects (1-9)** Offered to contracted cadets only with prior approval from the Professor of Military Science.
- 458 Special Topics (1-6)** Offered to contracted cadets only with prior approval from the Professor of Military Science.

MUSC • Music

- 1000 Recital Attendance (0)** Required of all music majors and minors every semester. A mark of "S" or "U" is given dependent upon fulfillment of attendance at designated performance events. (Fall and Spring)
- 1100 Music Appreciation (3)** An introduction to art music with illustrations of various types and forms. Open to all students and required for those seeking teaching certificates.
- 1101 Survey of American Popular Music (3)** A general survey of popular music in America from the middle of the 19th century to the present time. The principal popular music genres of Musical Theater, Jazz, Country, and Rock will be the focus of this course. Composers, performers, and performing mediums of these styles will be discussed within their religious, political, and economic context in order to gain a greater appreciation for their meaning and role in society,

- and place in the development of contemporary American culture.
- 1151 Music of the World's Cultures (3)** An ethnological survey of music from cultures outside the Western art music tradition, including Africa, the Middle East, India, Asia, Australia, North, Central and South America, and Western folk music. Focus will be on developing skills in listening and analysis and on understanding similarities and differences between the musical systems and expressions of various peoples.
- 1201 Theory I (3)** (*CO: MUSC 1202*) Reading musical notations, counting rhythms, scales, keys, intervals, triads, and chord names.
- 1202 Musicianship Skills I (1)** (*CO: MUSC 1201*) Develop basic aural/visual musical skills: scales, chords, and melodies.
- 1203 Theory II (3)** (*PR: MUSC 1201 • CO: MUSC 1204*) Diatonic part writing and analysis.
- 1204 Musicianship Skills II (1)** (*CO: MUSC 1203*) Melodic and harmonic dictation, rhythmic dictation, and aural identification of phrase forms and cadences.
- 1500 Applied Lesson Half (0.5)** Half-hour private applied lesson. Additional fee. (Fall and Spring)
- 1510 Applied Lesson Full (1)** One-hour private applied lesson. Additional fee. (Fall and Spring)
- 1551 Applied Lesson Major (1)** Music major applied lesson; meets for one hour each week. Additional fee. (Fall and Spring)
- 1552 Applied Lesson Major (1)** Music major applied lesson; meets for one hour each week. Additional fee. (Fall and Spring)
- 1600 PC Choir (1)** A highly selective choral ensemble established for the study of sacred and secular choral literature. Open each semester to all students in the College by audition. The choir presents on- and off-campus concerts each term. (Fall and Spring)
- 1601 Cantare! (0.5)** Choral ensemble open to all PC male students. (Fall and Spring)
- 1602 Bella Voce (0.5)** Choral ensemble open to all PC female students. (Fall and Spring)
- 1603 Opera and Music Theatre Workshop (0.5)** Provides an opportunity for students to study, prepare, and present performances of opera and musical theater excerpts and complete works.
- 1621 Ringers (0.5)** A selective handbell ensemble. Open to all PC students but requires an audition with the Director. Purpose is to provide training to enable ringers to serve as performers and directors of handbell choirs in school, church, and community settings. (Fall and Spring)
- 1650 Wind Ensemble (1)** A laboratory for the study and performance of the best literature for wind ensemble/symphonic band. Membership is open to all students by audition and/or interview. (Fall and Spring)
- 1651 Jazz Band (0.5)** A performance ensemble dedicated to a jazz repertoire, representing a variety of jazz idioms.
- 1652 Pep Band (0.5)** Performs at home football, basketball, and play-off games. Music is primarily pop, jazz, and rock arrangements. Open each semester to all students who play a band instrument. (Fall and Spring)
- 1681 Chamber Ensemble – Strings (0.5)** Chamber performance ensemble (duets, trios, quartets) for strings (Fall and Spring)
- 1682 Chamber Ensemble – Winds (0.5)** Chamber performance ensemble for wind instrumentalists. (Fall and Spring)
- 1683 Chamber Ensemble – Piano (0.5)** Chamber performance ensemble (duos, trios, quartet) for pianists. (Fall and Spring)
- 1684 Bagpipe Ensemble (0.5)** Rehearsals and performances by Bagpipe Ensemble. (Fall and Spring)
- 1685 Chamber Ensemble – Percussion (0.5)** Chamber performance ensemble for percussionists. (Fall and Spring)
- 1690 Chamber Orchestra (1)** A college chamber orchestra that rehearses and performs compositions of different style periods written for string orchestra. Membership is open to all students who play a string instrument. (Fall and Spring)
- 1701 Beginning Functional Keyboard Skills (1)** The keyboard application of theoretical concepts including note reading; modes and scales; primary chords and inversions; and cadences, improvisation, harmonization, and transposition using primary chords.
- 1702 Intermediate Functional Keyboarding Skills (1)** (*PR: MUSC 1701*) The keyboard application of theoretical concepts including major and minor scales; major arpeggios; primary, secondary, and dominant seventh chords and inversions; cadences; improvisation, harmonization, and transposition using primary and secondary chords; two-part choral and instrumental readings; and transposition of B-flat, E-flat, and F instruments.
- 1710 Guitar Class (1)** Introduction to the essential elements of technique based on the established pedagogy of the classical

- guitar. Study and application of theoretical skills including major and minor scales, chord structure, and music notation reading. Emphasis on performance skills via basic repertoire. A nylon string classical guitar is required.
- 2201 Theory III (3)** (PR: MUSC 1203 • CO: MUSC 2202) Part-writing and analysis with applied harmonies and modulations. Model compositions in the style of late Classical and Romantic composers.
- 2202 Musicianship Skills III (1)** (CO: MUSC 2201) Sight reading; melodic and harmonic dictation with diatonic and applied harmonies; and aural identification of simple forms.
- 2203 Theory IV (3)** (PR: 2201 • CO: MUSC 2204) Part-writing and analysis with 19th-century chromatic harmonies, model compositions in the style of late Romantic composers, and exposure to 20th century developments.
- 2204 Musicianship Skills IV (1)** (CO: MUSC 2203) Sight reading; melodic and harmonic dictation with chromatic harmonies and modal mixture; and aural identification of larger forms.
- 2400 School Music Methods (3)** A course designed to provide early education and elementary school specialists with specific musical skills and materials. Integration of music into the general classroom is the ultimate goal of the class.
- 2410 Piano Methods (1)** (PR: POI) Covers the history and philosophies of piano teaching and piano literature from 1700 to present, and piano pedagogy including current piano methods, aesthetics, and performance practice, injury prevention, and performance anxiety. Required prior to teaching in the Piedmont Music Program.
- 2430 Diction for Singers (0.5)** An examination of diction in English, Italian, German, and French, the International Phonetic Alphabet and its application.
- 2551 Applied Lesson Major (1)** Music major applied lesson; meets for one hour each week. Additional fee. (Fall and Spring)
- 2552 Applied Lesson Major (1)** Music major applied lesson; meets for one hour each week. Additional fee. (Fall and Spring)
- 2701 Advanced Functional Keyboard Skills (1)** (PR: MUSC 1702) The keyboard application of theoretical concepts including major and minor scales and arpeggios; primary, secondary, and dominant seventh chords and inversions; secondary dominant chords; cadences, improvisation, harmonization and transposition using primary, secondary, dominant seventh, and secondary dominant chords; modulation; four-part choral and instrumental reading; two-part score reading of transposing B-flat, E-flat, and alto clef instruments; and accompany. The keyboard proficiency requirements are met with a final grade of "B" or better.
- 3210 Form and Analysis (3)** (PR: MUSC 2203 and 2204) Patterns and processes in music with an examination of prominent musical forms using specific musical examples of each as subject for analysis. Analysis will be performed visually using musical scores and aurally using musical recordings and live performances.
- 3301 History and Literature of Music I: Antiquity to 1750 (3)** The development of music from antiquity through the end of the Baroque with an emphasis on historical perspectives and theoretical concepts will be explored.
- 3302 History and Literature of Music II: 1750 to Present (3)** Perspectives and concepts introduced in MUSC 3301 continue to be developed from the Classical through the Contemporary periods.
- 3551 Applied Lesson Major (1)** Music major applied lesson; meets for one hour each week. Additional fee. (Fall and Spring)
- 3552 Applied Lesson Major (1)** Music major applied lesson; meets for one hour each week. Additional fee. (Fall and Spring)
- 3700 Recital (0.5)** Non-required recital available to applied students in consultation with the applied instructor, and by the approval of the music faculty. See departmental handbook for more information.
- 3701 Music Technology (3)** An introduction to the physics of sound, musical synthesis, MIDI, sequencing, and computer applications in music engraving and multimedia. This course is designed to provide hands-on experience with synthesizers and the world of music and the Apple computer.
- 3710 Conducting (3)** Basic concepts in conducting will be reviewed. Performance analysis, conducting gestures relative to choral and instrumental ensembles, rehearsal planning, choral and instrumental ensemble logistics, and the practical application of the preceding are included.
- 4002 Special Projects (1-6)**
- 4003 Honors Research (3-6)**

- 4004 **Readings (1-3)**
- 4005 **Directed Studies (3-6)**
- 4006 **Seminar (1-3)**
- 4007 **Internship (1-3)**
- 4008 **Research (1-6)**
- 4009 **Special Topics in Music (3)** (*May be taken more than once for credit*) A study of a particular event, theme, or era within music.
- 4210 **Orchestration and Arranging (3)** (*PR: MUSC 1201, 1202, 1203, 1204, 2201, 2202, 2203, and 2204*) Investigation and application of techniques for the use of voices and instruments in composition and arranging.
- 4310 **20th-Century Music (3)** The history, analysis, and aesthetics of composers, styles, and techniques of the 20th century.
- 4500 **Composition (1)** Applied lesson in composition; meets for one hour each week. Additional fee.
- 4551 **Applied Lesson Major (1)** Music major applied lesson; meets for one hour each week. Additional fee. (Fall and Spring)
- 4552 **Applied Lesson Major (1)** Music major applied lesson; meets for one hour each week. Additional fee. (Fall and Spring)
- 4790 **Senior Capstone in Music (2)** Capstone course in music required of all music majors. See departmental handbook for a detailed description.

PHED • Physical Education

- 1001 **Concepts of Physical Fitness (1)** Designed to place emphasis on the value of physical fitness for everyone. Through the use of lecture and laboratory periods, students will be presented the basic fitness factors as well as means to measure these factors. As a result of the course the student should be able to make intelligent decisions concerning the value and use of physical activity in personal life.
- 1002 **Tennis (1)** Designed to provide students a beginning level competency in tennis.
- 1003 **Golf (1)** Designed to provide students a beginning level competency in golf.
- 1004 **Basic Swimming (1)** Designed to provide students a beginning level competency in swimming.
- 1006 **Advanced Life Saving (1)** A more advanced swimming course with competency in life-saving techniques.
- 1007 **Bowling/Badminton (1)** Designed to provide students a beginning level competency in the two activities.
- 1008 **Weight Training (1)** Designed to provide instruction in progressive resistance exercise for beginning exercise participants.
- 1009 **Intermediate Tennis (1)** (*PR: PHED 1002 or equivalent*) A course designed to meet the needs of students who demonstrate skill proficiency above the beginning tennis level.
- 1010 **Beginning Social Dance (1)** A course designed to introduce the basic steps and variations for eight selected ballroom dances.
- 1011 **Non-Contact Karate (1)** A course designed to introduce the concepts and teaching methodology of traditional karate, the art of Empty-Hand Self-Defense.
- 1012 **Basic Yoga (1)** A course designed to introduce students to yoga, a nontraditional activity that can afford a variety of health-related benefits to its participants.
- 1013 **Basic Pilates (1)** A course designed to introduce students to Pilates, a non-traditional activity that offers a variety of health- and performance-related components of total fitness.
- 1014 **Beginning Tai Chi (1)** This course is designed to offer students the rudimentary elements of Tai Chi. As an ancient Chinese art, Tai Chi is a slow-motion, moving meditative exercise for relaxation, health, and self-defense.
- 224 **Movement Styles (3)** An interdisciplinary approach to movement which incorporates yoga, ballet, and modern and jazz dance. With a focus on balance and alignment, students develop an awareness of dance through collaboration, ensemble performance, and choreography.
- 225 **Basic Wellness (3)** A course designed to provide the student with a comprehensive introduction to the dynamics of lifetime wellness. The dimensions and concepts for developing and maintaining a lifestyle of wellness will be presented. This will include study units in nutrition, diet and weight control, stress management, physical fitness, the cardiovascu-

lar system, hypokinetic disease risk factors, and personal wellness assessment/responsibility. The course will be taught on a lecture/lab format.

- 305 **Coaching Principles (3)** This course is designed to provide students with a basic foundation that is necessary to become successful coaches in any sport. Specifically, instruction will address content that targets principles related to coaching, behavior, teaching, and management. As such, course materials will focus on domains 1, 4, 5, and 6 of NASPE's 2006 National Standards for coaches.
- 306 **Organization and Administration of Physical Education and Athletics (3)** (PR: POI) A course in the organization and administration of physical education and athletics. Instruction focuses on organization patterns, staff relations, budget and finances, facilities and equipment, and other problems confronting coaches and teachers in their respective areas.
- 310 **Health and Physical Activity for the Child (3)** (PR: EDUC 201 or POI) This course provides early childhood and elementary education majors with an opportunity to study the overall development of the child so that they can teach and promote health and physical activity in the schools. The course will offer experiences and instructional practices through observations and teaching of children in preschool through middle school. Curricula areas include health, safety, and physical education. Students will also learn to adapt instructional strategies to meet specific needs of children with disabilities.
- 312 **Coaching of Team Sports: Soccer (3)** Instruction in teaching fundamental techniques and skills involved in offensive and defensive play, game strategy, scouting, and practical field experience.
- 313 **Coaching of Team Sports: Football (3)** Instruction in teaching fundamental techniques and skills involved in offensive and defensive planning, game strategy, organization, scouting, and practical field experience.
- 314 **Coaching of Team Sports: Basketball (3)** Instruction in teaching fundamental techniques and skills involved in offensive and defensive play, game strategy, scouting, and practical court experience.
- 315 **Coaching of Team Sports: Baseball (3)** Instruction in teaching fundamental techniques and skills involved in offensive and defensive play, game strategy, scouting, and practical field experience.
- 316 **Exercise and Sports Physiology (3)** (PR: BIOL 1150 and 1151) An introductory course focusing on the physiological basis of physical activity and sports with emphases on exercise physiology, sports physiology, and basic principles of movement. This course is primarily designed for individuals planning a minor in coaching.
- 317 **Coaching of Team Sports: Softball and Volleyball (3)** Instruction in teaching fundamental techniques and skills employed in offensive/defensive play, game strategy, practice organization, scouting, and practical field experiences.
- 320 **Coaching of Team Sports: Lacrosse (3)** This course is designed to examine the techniques, strategies, and tactics of lacrosse. Upon completion of the course, students will have a comprehension of lacrosse and will be able to implement the techniques, strategies, and tactics used to coach this sport.
- 324 **Sport Psychology (3)** (PR: PSYC 1001 and declared PSYC major/minor or CHNG minor • XL: PSYC 2085) Application of psychological principles to various aspects of sport. Topics include behavioral principles, motor learning, anxiety and arousal, mental preparation, leadership, team cohesion, audience effects, aggression, personality, assessment, gender roles, youth sport, coaching, and exercise psychology.
- 385 **Basic Athletic Training (3)** Theory and practice in keeping the athlete in superior condition. Studies include the use of proper protective equipment; medical research related to athletics; and the prevention, care, and proper rehabilitation of athletic injuries.
- 390 **Advanced Athletic Training (3)** (PR: PHED 385) Course is designed to focus on the more advanced aspects of athletic training. Students will be introduced to specific human anatomy; evaluation processes; modality theories and application; rehabilitation procedures; and advanced taping, splinting, and bracing techniques.
- 442 **Directed Studies (3-6)**
- 444 **Internship (1-6)**
- 446 **Readings (1-9)**
- 448 **Research (1-9)**
- 450 **Seminar (1-9)**
- 452 **Special Projects (1-9)**
- 458 **Special Topics (1-6)**

PHIL • Philosophy

- 203 Introduction to Ethics (3)** A study of what it means to live a good human life, including reflection on questions of good versus evil, right versus wrong, and virtue versus vice. In the course of our study, we will explore ethical questions that confront us as individuals, as members of society at large, and as members of more specific communities. (Spring)
- 205 Logic (3)** A study of how to analyze, evaluate, and present arguments. The class will examine arguments in many fields, including law, science, economics, politics, religion, and philosophy. The class will also pay attention to the most effective ways to present arguments. (Fall)
- 207 Introduction to Philosophy (3)** Philosophy begins with questions. What is good? What is true? What is beautiful? In this historical introduction to Western philosophy, we will explore works by five key thinkers – Plato, Descartes, Hume, Kant, and Kierkegaard – who show us different ways of asking and answering these fundamental questions. Along the way, we will develop skills of careful reading, respectful listening, clear writing, and persuasive speaking. (Fall)
- 258 Special Topics (1-6)**
- 301 Classical Greek Philosophy (3)** A study of ancient Greek Thought from the age of Homer and Hesiod to that of Plato and Aristotle. Emphasis will be on the transition from mythological to philosophical ways of thinking and from heroic to civilized virtues and ways of being. Readings will include selections from early Greek (pre-Socratic) philosophy, Plato, and Aristotle. (Fall, alternate years)
- 304 Early Modern Philosophy (3)** In this course, we will explore the profound shifts in European thought that occurred during its self-proclaimed period of "Enlightenment," which led to what we now think of as the distinctively "modern" world. Our method will be careful reading and close analysis of texts by key thinkers such as Descartes, Spinoza, Leibniz, Locke, Berkeley, Hume, and Kant. Central questions will be how these new ways of understanding the world, the self, and whatever might be behind or beyond self and world relate to the rise of modern science, democracy, and questions of moral, religious, and political freedom. (Spring, alternate years)
- 309 Hellenistic and Roman Philosophy (3)** A study of philosophy in the Hellenistic and Roman worlds. Emphasis will be the Hellenistic schools of thought, including Cynicism, Skepticism, Stoicism, Hedonism, and Neoplatonism, and their impact on later Pagan and Christian thought in the Roman Empire. (Spring, alternate years)
- 314 Professional Ethics (3)** A study of the ethical issues related to the practice of various professions, including law, medicine, science, engineering, business, education, and ministry. (Fall, odd years)
- 315 Medical Ethics (3)** An introduction to moral issues in modern health care and to ethical concepts and analytic skills relevant to addressing them. We will focus on classic cases in the development of medical ethics. (Spring)
- 316 Business Ethics (3)** (XL: *BADM 316*) A study of ethical issues in business with the aim of strengthening our moral discernment and practical judgment. We will focus on classic and contemporary cases in the ethics of business.
- 317 Environmental Ethics (3)** What matters? Why does it matter? And what should we do about it? This course will survey the challenges that environmental concerns present to traditional ethical theory and practice. In particular, we will explore the relation of human and non-human value, as environmental issues (such as global warming and species extinction) intersect with human problems (such as poverty, population growth, and economic development). (Fall, even years)
- 324 Classical Political Thought (3)** (XL: *PLSC 324*) An examination of selected political thinkers from the Greek tradition to the Renaissance with an emphasis on ideas concerning the nature of politics and the origins and ends of government.
- 326 Modern Political Thought (3)** (XL: *PLSC 326*) The course examines the political ideas and theories of such thinkers as Hobbes, Locke, Rousseau, Marx, and Mill that helped shape the modern period of politics.
- 327 Contemporary Political Thought (3)** (XL: *PLSC 327*) This course is designed to create a deeper understanding and interest in contemporary issues in political thought such as neo-liberalism, neo-conservatism, nationalism, globalization, theopolitics, and Islamism.
- 330 Philosophy of Law (3)** A survey of philosophical understandings of law, in theory and in practice. Topics of discussion will include the basis of law and legal reasoning, the moral force of law, and theories of rights, responsibilities, and punishment in criminal, civil, constitutional, and international law. (Fall, odd years)
- 333 Classical Indian Philosophy (3)** (PR: *RELG 200 or POI*) This course will explore the philosophy and intellectual traditions of classical India, from the ancient Vedas, Upanishads, and epics, such as the Mahābhārata, through the development of so-called "orthodox" systems of Hindu thought organized as commentary on canonical sūtras

(Mīmāṃsā, Vedānta, Sāṃkhya, Yoga, Nyāya, and Vaiśeṣika) and their “heterodox” challengers (Cārvāka, Buddhims, and Jainism). Throughout, we will focus on philosophy as a way of life, particularly a response to suffering, as well as questions of language, logic, and sources of knowledge for self and world. (Fall, alternate years)

- 340 **Approaches to the Study of Religion (3)** (*XL: RELG 340*) What is religion? What are its origins and what is its future? Is it a source of good or evil? This course will explore contested questions about the nature of religion and the proper way to study it through a survey of various approaches and topics such as theology, philosophy, history, psychology, sociology, anthropology, and cultural studies. Our central questions will be how to assess (a) religious claims and (b) claims about religion. (Alternate years)
- 361 **History and Philosophy of Traditional China (3)** (*XL: HIST 3610*) This course examines the history and philosophy of China from early times through the late Qing dynasty (1700). Special emphasis will be placed on China’s significant philosophical heritage, including such pivotal philosophers as Confucius, Mencius, Laozi, Chuangzi, Mozi, and Sunzi.
- 398 **Honors Research (3-6)**
- 442 **Directed Study in Philosophy (1-3)** (*PR: POI and department*) Independent reading and/or research in an area of the student’s special interest. A plan including a statement of the purpose of the study, a bibliography, and the nature of any papers or projects must have prior approval of the instructor and department chairman.
- 444 **Internship (1-6)**
- 446 **Readings (1-9)**
- 448 **Research (1-9)**
- 450 **Seminar (1-9)**
- 452 **Special Projects (1-9)**
- 458 **Special Topics (1-6)**

PHYS • Physics

- 1000 **The Physics of How Things Work (4)** (*3 hrs. lecture, 3 hrs. lab weekly • Students cannot receive General Education credit for both PHYS 1000 and PHYS 1500.*) Students engaged in this course will grasp the workings of the world around them. They will gain a basic understanding of everything from growing trees to flying jets; from crashing cars to cell phone operation. The course relies heavily on conceptual understanding rather than rigorous math, and is highly applicable to everyone who lives in a world of physical things. The lecture will utilize many demonstrations. The lab will allow the student to interact with the concepts learned in class through equipment that is readily available. This course does not require math higher than basic algebra.
- 1100 **Earth Science (4)** (*3 hrs. lecture, 3 hrs. lab weekly*) This class introduces students to the features and processes involving our earth. These include mineralogy and rocks, plate tectonics, volcanoes, earthquakes, weathering, and soil studies. The class also explores oceanic, atmospheric, and space sciences.
- 1200 **Introduction to Astronomy (4)** (*3 hrs. lecture, 3 hrs. lab weekly*) This course presents an overview of the major fields of astronomy. The course begins with a brief history of astronomy followed by an in-depth discussion of the basic concepts and tools used throughout astronomy. Topics include history of astronomy, naked-eye observations, light, telescopes, stars, stellar evolution, black holes, galaxies, and cosmology. Some of the lab sessions will be scheduled in the evening to allow astronomical viewing. No previous experience in astronomy is expected.
- 1500 **General Physics I (4)** (*3 hrs. lecture, 3 hrs. lab weekly*) The first of two introductory courses in physics designed to emphasize the experimental laws of physical science. Topics to be covered include mechanics, heat, wave motion and sound, electricity and magnetism, optics, and modern physics. In the laboratory portion of the course, students will perform experiments and analyze the results based on physical law. (Fall)
- 1510 **General Physics II (4)** (*3 hrs. lecture, 3 hrs. lab weekly • PR: PHYS 1500*) The second of two introductory courses in physics designed to emphasize the experimental laws of physical science. Topics to be covered include mechanics, heat, wave motion and sound, electricity and magnetism, optics, and modern physics. In the laboratory portion of the course, students will perform experiments and analyze the results based on physical law. (Spring)
- 1600 **Physics I with Calculus (4)** (*3 hrs. lecture, 3 hrs. lab weekly • PR/CO: MATH 201*) First of three courses in a calculus-based physics sequence. Topics include vectors, laws of motion, conservation principles, rotational motion, gravitation, solids, liquids, and wave motion. In the laboratory portion, students will perform experiments and analyze the results based on the topics covered in the class. (Fall)

- 1610 Physics II with Calculus (4)** (3 hrs. lecture, 3 hrs. lab weekly • PR: PHYS 1500 or PHYS 1600; PR/CO: MATH 202) Continuation of PHYS 1600. Topics include thermodynamics, kinetic theory of gases, electric and magnetic fields, electric currents, and motions of charged particles in fields. In the laboratory portion, students will perform experiments and analyze the results based on the topics covered in the class. (Spring)
- 2000 Special Topics (1-3)**
- 2100 Physics III with Calculus (4)** (3 hrs. lecture, 3 hrs. lab weekly • PR: PHYS 1610; PR/CO: MATH 301) Continuation of PHYS 1610. Topics include geometric optics, electromagnetic waves, interference and diffraction, relativity, atomic particles, and atomic and nuclear structure. (Fall)
- 2500 Methods of Theoretical Physics (3)** (PR: MATH 202) An introduction to mathematical methods that are commonly used in advanced physics. The main topics are vector algebra and calculus (including divergence, gradient, curl, Stokes' theorem, line and surface integrals, and curvilinear coordinate systems) and the solution of boundary value problems involving the wave equation and Laplace's equation (separation of variables, power series, and special functions). Other topics such as complex variables and Fourier analysis may be included at the discretion of the instructor.
- 2600 Engineering Physics (4)** (3 hrs. lecture, 3 hrs. lab weekly • PR: PHYS 1500 or PHYS 1600, and MATH 201) The in-class portion of this course will be devoted to the rigorous topic "Statics" which is fundamental to nearly all fields of engineering. This study will also provide a mechanism to learn how engineers think and how that compares to the thought processes of a physicist. The lab portion of this class is essentially an "engineering seminar" that will be devoted to understanding the field of engineering. In addition to learning engineering experimental methods, students will be exposed to the wide variety of engineering disciplines through guest speakers and field trips. (Spring, odd years)
- 2700 Basic Electronics (4)** (3 hrs. lecture, 3 hrs. lab weekly • PR: PHYS 1510 or PHYS 1610, and MATH 201) An introduction to analysis of AC and DC circuits, amplifiers, semi-conductor devices, and instrument systems.
- 2900 Advanced Dynamics (3)** (PR: PHYS 1600; PR/CO: MATH 302) A course in classical mechanics covering the dynamics of system of particles, dynamics of rigid bodies in two and three dimensions, Euler's Equations of rotational motion, an introduction to Lagrange's equations, as well as other topics of interest to the advanced physics and engineering student. A thorough knowledge of integral calculus is assumed. (Spring, even years)
- 3100 Heat and Thermodynamics (3)** (PR: PHYS 1610; PR/CO: MATH 302) This course includes a study of thermometry, physical states of matter, calorimetry, heat balance equations, gas laws for real and ideal gases, kinetic theory, cyclical operations, and the laws of thermodynamics. (Fall, odd years)
- 3200 Electricity and Magnetism I (3)** (PR: PHYS 1610 and MATH 302) This course is designed to introduce the student to the basic laws of electricity and magnetism as they are formulated using differential and integral calculus. Gauss' law, Laplace's equation, the Biot-Savart law, Faraday's law and Maxwell's equations are studied along with the phenomena of polarization, electric and magnetic fields, electromagnetic radiation, and other topics. (Fall, even years)
- 3210 Electricity and Magnetism II (3)** (PR: PHYS 1610 and MATH 302) A continuation of PHYS 3200.
- 3300 Classical Optics (3)** (PR: PHYS 2100 and MATH 302) An intermediate course in light from the viewpoint of both geometrical and physical optics. (Alternate years)
- 3400 Physics in Biology and Medicine (3)** (PR: BIOL 1150, PHYS 1500, and PHYS 1510) Applications of introductory physics to the processes and systems of biology and medicine. Topics may include the physics of (1) walking, running, and jumping; (2) temperature regulation and metabolism; (3) flight; (4) respiration and circulation; (5) hearing and vision; (6) the nervous system; and (7) medical diagnostics techniques.
- 3600 Plasma Physics (3)** (PR: PHYS 3200) Its purpose is to expose students to the basic physical principles governing the solar-terrestrial interactions, including space and atmospheric weather. Its goal is to emphasize the applications of plasma physics to an understanding of the interplanetary environment and earth's place in that environment, as well as alternative energy sources from plasma fusion. (Alternate years)
- 3900 Data Analytics and Numerical Modeling (3)** (PR: MATH 202 or 210) An introduction to computer simulation, numerical data analysis, and visualization methods for multidisciplinary problems using MATLAB, R, or similar package.
- 4000 Advanced Physics Laboratory (2)** (PR: PHYS 2100 and MATH 301) This course consists of several experiments designed to illustrate important concepts in quantum mechanics and modern physics and to introduce the student to some of the techniques of modern experimental physics research. (Spring, even years)
- 4002 Special Projects (1-9)**
- 4003 Honors Research (3-6)**
- 4005 Directed Studies (1-9)**

- 4007 **Internship (1-6)**
- 4008 **Research (1-9)**
- 4009 **Special Topics (1-6)**
- 4100 **Quantum Mechanics (3)** (PR: *PHYS 2100*; PR/CO: *MATH 401*) A rigorous presentation of the fundamental principles of quantum mechanics. Topics include the wave function for a free particle, superposition of states, construction and behavior of wave packets, the position and momentum representations, general techniques for constructing solutions to Schrodinger's equation, and the time development of quantum-mechanical systems. (Spring, odd years)
- 4200 **Nuclear Physics (3)** (PR: *PHYS 1610* • CO: *MATH 301*) Properties and behavior of atomic nuclei: mass, binding energy, spin, decay modes, nuclear reactions, and an introduction to nuclear models. Medical applications such as radioactive tracers and magnetic resonance imaging (MRI). (Alternate years)

PLSC • Political Science

- 201 **Introduction to Political Science (3)** Study of the nature of politics and political behavior and of the important theories respecting the nature, origin, forms, and ends of the state and of government.
- 202 **Introduction to American Government (3)** Basic course in American politics that stresses the formation, development, organization, and action of our national government, including the origin and nature of our federal system.
- 205 **Research Methods and Analysis (3)** (PR: *PLSC* or *SOC* major • XL: *SOC 205*) An examination of the different techniques used to conduct and evaluate research in the social sciences with an emphasis on data analysis. (Fall)
- 210 **Introduction to Legal Studies (3)** (XL: *PRLW 2100*) This course will introduce students to the basic structure and terminology of the American legal system, substantive areas of the law, and the basic processes of legal reasoning. Special emphasis on legal reading and writing will be given throughout the course. (Spring, Alternate years)
- 258 **Special Topics (1-6)**
- 300 **Women in U.S. Politics (3)** (XL: *WGST 300*) This course examines the role of women in politics in the United States, considering the philosophical, historical and political roles of women as citizens, voters, activists, candidates, and policy-makers. Throughout the course, current events and public policies as they relate to gender equity will be emphasized.
- 301 **African-Americans and the Political System (3)** An overview of the African-American struggle for social, political, and legal rights; of the constraints upon the achievement of these rights; and of the major political actors involved in this struggle. Special emphasis will be given to key court decisions, legislation, and political movements affecting African-American rights and to major electoral breakthroughs in promoting African-American political empowerment. (Alternate years)
- 302 **South Carolina Student Legislature (1)** This course prepares students to participate in the South Carolina Student Legislature, focusing on proper bill proposal structure, knowledge of parliamentary procedure, and delegation debate strategy. This course is repeatable up to three times.
- 304 **U.S. Constitutional Law: Governmental Powers (3)** (XL: *PRLW 3040*) This course will analyze the institutional authority of the U.S. government, as outlined by the U.S. Constitution and interpreted by the U.S. Supreme Court. The course will explore the scope of powers of the executive, legislative, and judicial branches as well as the relationship between the national and state governments in a variety of legal topics.
- 305 **U.S. Constitutional Law: Civil Rights and Liberties (3)** (XL: *PRLW 3050*) This course will analyze the institutional authority of the U.S. government, as outlined by the U.S. Constitution and interpreted by the U.S. Supreme Court. The course will explore the scope of powers of the executive, legislative, and judicial branches as well as the relationship between the national and state governments in a variety of legal topics.
- 306 **Parties and Political Behavior in America (3)** An analysis of political parties, the party system, interest groups, political socialization, political culture, public opinion, voting behavior, and other aspects of political behavior in the United States. (Alternate years)
- 307 **Introduction to Public Administration (3)** An introductory survey of the principles, functions, and processes of public administration with specific emphasis on the political aspects and environment of bureaucracies and the how and why of policymaking within an administrative system. Organizational values, traditions, and objectives are analyzed. (Alternate years)

- 309 Introduction to Public Policy (3)** Analysis of political and organizational processes that influence the formulation and implementation of public policy. Special attention will be given to the formulation, implementation, and evaluation of various public policies. Further, the course is intended to develop some skills for the evaluation and design of policies. (Alternate years)
- 311 Elections and Campaign Management (3)** A study of the American electoral process and the craft of managing political campaigns. Special emphasis will be given to campaign organization, message development, fundraising, opposition research, and media relations. The course will also reflect on how campaigns fit into our conception of what it means to be a democratic society. (Alternate years)
- 312 Politics and the Media (3)** (PR: PLSC 201 or 202) This course examines the way in which modern mass media have altered the dynamics of democratic politics in the United States. More generally, the course will analyze the ways that the mass media influence how we think and act in the political world. Specific topics include how media influence citizenship and democratic governance, how news is made, and the impact that media have on individuals, political institutions, policy making, and the prospects of democratic deliberation. (Alternate years)
- 313 The American Presidency (3)** A study of the “central institution” of the American political system from these and other perspectives: personality and structure in shaping presidential character, the domestic and international presidencies, evolution of the institution and theories about its role, presidential election, and federal public administration. (Alternate years)
- 314 Congress and the Legislative Process (3)** A study of the United States Congress and the process by which it operates. Issues explored include the selection of members, leadership, budgeting, the role of committees, and executive legislative relations. Additionally, the differences between the House and Senate, the development of public policy, and the changing nature of the process will be explored. (Alternate years)
- 316 State and Local Politics (3)** This course will examine selected aspects of the theory, powers, structure, processes of and interrelationships between state and local governments in the United States. The course will also include an examination of the major factors contributing to conflict and cooperation in state and local governmental environment. (Alternate years)
- 317 Interest Groups and Lobbying (3)** An analysis of interest group development, maintenance, and conduct in the governmental process. This course focuses on the larger concept of advocacy in a democracy as well as strategic and tactical decisions that groups must make when attempting to influence government policy. The particular case of state legislative lobbying in South Carolina is used to explore these two objectives. (Alternate years)
- 319 Southern Politics (3)** An analysis of the contemporary politics and governments of the southern states. The course provides an understanding of political development in each of the former confederate states and an overview of driving political forces in the region such as the rise of the GOP, the empowerment of African-Americans, and the role of southerners in Congress and presidential selection. Attention is also given to the prominence of personality in the politics of the South. (Alternate years)
- 320 Religion and Politics in the United States (3)** (XL: RELG 320) This course examines the interaction between religion and politics in the United States, considering both the historical and contemporary contexts of the ways in which religion and politics influence each other in the U.S. Throughout the course, current events will be emphasized.
- 322 American Political Thought (3)** The course will examine the different ways American political thinkers and activists have envisioned democracy. Attention will be given to the principles of the Declaration of Independence and the Constitution as developed by Mason, Jefferson, Madison, and Hamilton and to the interpretation of these principles by such statesmen as Jackson, Lincoln, Theodore Roosevelt, Herbert Hoover, and Franklin Roosevelt. Other topics will include African-American political thought, women’s rights, and the current liberal-conservative debate.
- 324 Classical Political Thought (3)** (XL: PHIL 324) An examination of selected political thinkers from the Greek tradition to the Renaissance with an emphasis on ideas concerning the nature of politics and the origins and ends of government.
- 326 Modern Political Thought (3)** (XL: PHIL 326) The course examines the political ideas and theories of such thinkers as Hobbes, Locke, Rousseau, Marx, and Mill that helped shape the modern period of politics.

- 327 **Contemporary Political Thought (3)** (*XL: PHIL 327*) This course is designed to create a deeper understanding and interest in contemporary issues in political thought such as neo-liberalism, neo-conservatism, nationalism, globalization, theopolitics, and Islamism.
- 328 **Environmental Politics and Policy (3)** (*XL: ENVI 328*) This course introduces the student to the fundamentals of U.S. environmental politics and the relevant policies that emanate from our public discourse. It covers the theoretical foundations and history of the U.S. environmental movement, as well as the analysis of substantive policy issues.
- 329 **Public Health(care) Policy (3)** (*XL: PUBH 329*) This course will provide students an introduction to the structure and dynamics of US public health policy. We will first discuss the basics of US policymaking within our legal system, then continue with an examination of a number of critical issues in broader health policy including the government's role in health care and public health, the health insurance system, and the gender, class, disability, and racial dimensions of the US public health and health care systems.
- 331 **International Relations (3)** This course is an analysis of international relations as a political process with emphasis on patterns of policy formulation, conflict, and cooperation. Selected case studies will be used to supplement the theoretical material.
- 332 **American Foreign Policy (3)** A study of the conduct and content of American foreign policy since the Second World War including foreign policy formulation, operation, and case studies of implementation.
- 333 **Model United Nations (1)** (*PR: PLSC 201*) This course prepares students with necessary knowledge and skills to participate in a regional/national Model United Nations Conference. Course is repeatable up to six times.
- 339 **U.S.-Cuban Relations: Historical Perspective and Contemporary Reality (3)** (*PR: Acceptance in the Semester in Cuba Program*) The objective of the course is to provide students with an overview of U.S.-Cuban relations from colonial times to the present, in order to describe the main elements toward understanding the new phase of the historical conflict between the two countries that ensued after the Cuban Revolution in 1959 and continues unabated even today. The course includes an experiential component of 40 hours. Offered in Cuba in the Semester in Cuba Program.
- 341 **International Political Economy (3)** (*XL: ECON 341*) This course examines the evolution of the international trading system, international monetary and financial system, multinational corporations, international development, and the impact of globalization, with an emphasis on the interaction of political and economic factors.
- 342 **International Organizations (3)** This course explores the history, structure, and function of international organizations and places an emphasis on the study of the United Nations (UN). Our purpose is to understand how the emergence of international organizations has shaped the modern world and the difficulties of global governance in a world of sovereign states. The course incorporates regular simulations of various organs of the UN.
- 350 **Comparative Political Economy (3)** (*PR: PLSC 201 or ECON 206 • XL: ECON 350*) This course will introduce students to both the theoretical and the substantive relationship of how government policy impacts the economy. This course will cover both the developed and developing world and will examine topics such as income inequality, social protection programs, and taxation policy, in addition to other ways in which governments intervene in the marketplace.
- 352 **Politics of Modern China and Asia (3)** With China's phenomenal economic development since 1978, the impact of China's emergence is increasingly felt around the world. Along with China's rise, Japan remains an economic giant and India is rapidly catching up as a serious contender for regional economic and political supremacy. The first half of this course introduces students to China's culture, history, politics, economy, and foreign relations, and discusses the challenges and opportunities brought by China's rise for the United States. The second half of the course compares the politics of China, Japan, and India, and discusses the implications of their regional rivalry. (Alternate years)
- 355 **Russia and Eastern Europe (3)** An account of the histories and political cultures and processes of Russia, of other polities of the former Soviet Union, and of European nations previously parts of the "socialist bloc." Focus upon political and economic transformation during and since the Gorbachev era.
- 361 **African Politics (3)** This course explores political and economic development problems in contemporary Africa. It will explore pre-colonial African society, the impact of colonialism, problems facing the modern state of Africa, the exploitation of state institutions by elites, and the challenges democracy faces in the region.
- 362 **Modern Latin American Politics (3)** This course introduces students to Latin American politics and political economy from the 1950s to the present. It will engage not only the historical and political significance of major events, but also

what effect these events have on current politics. This course focuses on two issues that have defined political interaction on the continent: democracy (and/or the lack thereof) and the economy (and transitions to a market economy over time).

- 370 Politics of the Developing World (3)** (PR: *PLSC 201* or *SOC 201*, or *POI • XL: SOC 370*) An examination of the political, economic, and social factors that have led to the present state of underdevelopment in Africa and parts of Asia, Latin America, and the Indian subcontinent. Social scientific theories of underdevelopment and the role of the political system in the process of development are analyzed. Particular attention is given to the role of government in the economy, processes of economic reform, and the corresponding effects on poverty, income distribution, and other factors related to development.
- 380 Politics of the European Union (3)** The course will examine the role of the European Union (EU) in modern Europe, using individual nation states as case studies. The course will include a survey of the political systems, parties, and contemporary issues of European Union countries.
- 387 Middle East Politics (3)** This course provides a survey of various political systems in the Middle East. The emphasis is upon the evolution of the state system and its contemporary challenges. Topics include nationalism; the role of secular and religious forces; economics development; and regional dynamics and their relationship to international politics.
- 398 Honors Research (3-6)**
- 440 Senior Capstone in Political Science (3)** (PR: *PLSC 205*) This course provides political science majors with the opportunity to synthesize the knowledge they have gained in their political science courses and apply that knowledge to contribute to the political science discipline, our democratic society or the world community. During this course, students will conduct an independent, original research project, which will culminate in a scholarly research paper and oral presentation to the campus community.
- 442 Directed Studies (1-6)** Course designed to allow the student to pursue a topic of special interest under the direction of a member of the department. Hours and credit will be determined by the nature of the student's program of study. A maximum of six hours of credit may be earned in directed study.
- 444 Internship (1-6)**
- 446 Readings (1-3)**
- 448 Research (1-3)**
- 450 Seminar (1-3)**
- 452 Special Projects (3-6)**
- 458 Special Topics (3-6)**

PRLW • Pre-Law

- 2100 Introduction to Legal Studies (3)** (XL: *PLSC 210*) This course will introduce students to the basic structure and terminology of the American legal system, substantive areas of the law, and the basic processes of legal reasoning. Special emphasis on legal reading and writing will be given throughout the course. (Spring, Alternate years)
- 3040 U.S. Constitutional Law: Governmental Powers (3)** (XL: *PLSC 304*) This course will analyze the institutional authority of the U.S. government, as outlined by the U.S. Constitution and interpreted by the U.S. Supreme Court. The course will explore the scope of powers of the executive, legislative, and judicial branches as well as the relationship between the national and state governments in a variety of legal topics.
- 3050 U.S. Constitutional Law: Civil Rights and Liberties (3)** (XL: *PLSC 305*) This course will analyze the institutional authority of the U.S. government, as outlined by the U.S. Constitution and interpreted by the U.S. Supreme Court. The course will explore the scope of powers of the executive, legislative, and judicial branches as well as the relationship between the national and state governments in a variety of legal topics.
- 3451 History of Ancient and Medieval Law (3)** (XL: *HIST 3451*) The student will understand the general history, principles, and practices of law as expressed in the western tradition from the Mesopotamian peoples to the medieval European peoples.
- 4007 Internship (1-6)**

PSYC • Psychology

- 1001** **Introductory Psychology (3)** Survey of the various topics of study in modern psychology and the different approaches to understanding these areas. Topics include bio-psychology, learning, memory, development, social interaction, and psychological disorders and treatments.
- 1002** **Psychological Literacy (3)** (PR: PSYC1001 and declared PSYC major) Study of foundational research and writing skills and concepts within the field of Psychology. Emphasis on the critical consumption and production of psychological research and written work.
- 2001** **Research Methods and Statistics I (3)** (PR: PSYC 1002) Survey of foundational skills and concepts pertaining to psychological research design and descriptive statistics. Includes student participation in conducting, analyzing, and communicating results of a correlational group research project.
- 2002** **Research Methods and Statistics II (3)** (PR: PSYC 2001) Survey of experimental research designs and their associated inferential statistics. Includes student participation in conducting, analyzing, and communicating results of an experimental group research project.
- 2010** **Psychopathology (3)** (PR: PSYC 1001) Integrative and multidimensional study of abnormal behavior and psychological disorders. Disorders studied according to diagnostic classification, etiology, and treatment. Includes case studies presented by persons with disorders (via videos, readings, etc.)
- 2012** **Theories of Personality (3)** (PR: PSYC2010 • RE: PSYC 1002) A detailed study of classical and contemporary theories of personality. Theories studied according to classification, place in history of psychology, key concepts, personality development and dynamics, research methods and findings, application, and evaluation.
- 2020** **Biological Basis of Behavior (3)** (PR: PSYC 1001) Survey of the biological processes that underlie human behavior, with an emphasis on understanding the structure and function of the nervous system.
- 2024** **Drugs and Behavior (3)** (PR: PSYC 1001 • RE:PSYC 2020) Examines basic pharmacological principles, as well as the physiological responses and behavioral effects of drugs on humans.
- 2030** **Learning and Memory (3)** (PR: PSYC 1001) A survey course of learning and memory processes to include the topics of classical and operant conditioning, memory systems, and their applications.
- 2040** **Lifespan Development (3)** (PR: PSYC 1001) Survey of human growth and development across the lifespan. Theories of biological, cognitive, social, and emotional development are explored to understand the interplay of nature and nurture at all stages of life from conception to death.
- 2041** **Educational Psychology (3)** (PR: PSYC 1001 • XL: EDUC 241) The principles and procedures of learning psychology applied to education with study of such topics as variables that affect learning, planning, directing, and evaluating learning. Attention is directed to contrasting theories of human learning as applied in educational settings.
- 2042** **Child Psychology (3)** (PR: PSYC 2040 • RE: PSYC 1002) Examines psychological principles and theories of human development from conception through middle childhood. Biological, cognitive, social, and emotional development of children will be explored.
- 2044** **Adolescent Psychology (3)** (PR: PSYC 2040 • RE: PSYC 1002) Examines psychological principles and theories of human development during adolescence, Biological, cognitive, social, and emotional development of adolescents will be explored.
- 2050** **Social Psychology (3)** (PR: PSYC 1001 or SOC 201 • XL: SOC 312) A study of the relation of the individual to the social group. Topics include conformity, obedience, attitudes and persuasion, aggression, prejudice, and attraction.
- 2054** **Industrial/Organizational Psychology (3)** (PR: PSYC 1001 or ECON 206 • RE: PSYC 2050 • XL BADM 322) The application of psychology to workplace settings, including not only business and industry, but also non-profit organizations such as hospitals, government, and social agencies. Topics include employment recruitment and selection, organizational communication, motivation of workers, and performance evaluation. Topics are of special relevance to students who at some point in their careers expect to be in managerial or administrative positions within an organization, be it a business or non-profit organization.

- 2060 History of Psychology (3)** (PR: PSYC 1001) A study of the history of psychology and its development as a science. Emphasis on the major schools of thought of the past century including structuralism, functionalism, behaviorism, and Gestalt psychology. The effect of these movements on approaches to contemporary problems is stressed.
- 2065 Environmental Psychology (3)** (PR: PSYC 1001 • RE: PSYC 1002) A study of human behavior by considering our relationship to the environment. We analyze how the built and natural world influences our physical, social, emotional, and spiritual lives. Emphasis is given to the cognitive and attitude processes that predict principles of environmental citizenship such as differential conservation beliefs, environmental activism, and public health and safety norms.
- 2070 Forensic Psychology (3)** (PR: PSYC 1001 • RE: PSYC 1002) Survey of the various topics related to forensic psychology. Topics to include investigation techniques such as the interrogation interview, lie detection, and forensic identification; cognitive factors such as eyewitness testimony, the insanity defense, and battered wife syndrome; and finally, societal questions surrounding juries, corrections, and the death penalty.
- 2075 Human Sexuality (3)** (PR: PSYC 1001 • RE: PSYC 1002) Sexuality is studied as a component of human behavior including such topics as biologically based behaviors, psychosocial influences, and communication within relationships. Informed decision-making is addressed within the contexts of respect, responsibility, and reality with sensitivity to diversity, moral values, and ethics.
- 2080 Test and Measurements (3)** (PR: PSYC 1001 • RE: PSYC 1002) A study of the basic theory of testing as it relates to the practices of test construction, evaluation, and interpretation. Emphasis on a thorough treatment of the principles of achievement, aptitude, intelligence, and personality assessment.
- 2085 Sport Psychology (3)** (PR: PSYC 1001 and declared PSYC major/minor or CHNG minor • RE: PSYC 1002 • XL: PHED 324) Application of psychological principles to various aspects of sport. Topics include behavioral principles, motor learning, anxiety and arousal, mental preparation, leadership, team cohesion, audience effects, aggression, personality, assessment, gender roles, youth sport, coaching, and exercise psychology.
- 2095 Psychology of Professional Development (3)** (PR: POI) An applied course in social psychology derived from the principles and procedures of social cognition, social influence, persuasion, and motivation. Attention is directed toward application of psychology concepts to students' future career goals through written and oral communication.
- 2500 Special Topics (1-6)** (PR: POI)
- 3010 Principles and Procedures of Counseling(3)** (PR: PSYC 1002, 2010, and 2012) Study and introductory applications of theories, principles, and procedures of counseling. Emphasis on dynamics of behavior and communication skills. Application to human services professions.
- 3020 Sensation and Perception (3)** (PR: PSYC 1002 and 2020) Survey of the sensory modalities and principles of perception that contribute to conscious experience. Emphasis is placed on connection between biological processes and resulting perceptual experiences.
- 3030 Cognitive Psychology (3)** (PR: PSYC 1002 and 2030) A survey course of cognitive and learning theories to include the topics of classical and operant conditioning, memory, and reasoning.
- 3040 The Psychology of Sex and Gender (3)** (PR: PSYC 1002 and 2040) A seminar-style course designed to examine the biological, psychological, and social aspects of sex and gender through the lens of developmental psychology. Critical evaluation of current scientific literature, class participation, and writing assignments will be emphasized.
- 3050 Stereotypes, Prejudice, and Discrimination (3)** (PR: PSYC 1002 and PSYC 2050/SOC 312) An overview of theoretical perspectives, empirical findings, and practical applications of psychological research on prejudice, stigma, discrimination, and intergroup relations. Topics include the social, personality, cognitive, and motivational factors that contribute to stereotyping and prejudice, the psychological consequences of prejudice and stigma, and interventions and strategies for reducing the consequences of stigmatization.
- 4000 Psychology Capstone (3)** (PR: 2002, 2010, 2020, 2030, 2040, and 2050) An integrative experience for students to demonstrate their psychological knowledge, scientific literacy, and communication skill by completing an advanced survey of psychological literature on a chosen research topic in the field.
- 4002 Special Projects (1-9)** (PR: POI)
- 4003 Honors Research (3-6)** (PR: POI and PSYC major)
- 4004 Readings (1-9)** (PR: POI)

- 4005 **Directed Studies in Psychology (1-3)** (PR: JR or SR status and PSYC major) In-depth study of the literature in an assigned area of psychology closely directed and supervised by instructor.
- 4006 **Seminar (1-9)** (PR: POI)
- 4007 **Internship in Psychology (1-6)** (PR: JR or SR status and PSYC major) Student observation and participation in a psychological field setting approved by the department. Required hours are based on College requirements and include regular class meetings.
- 4008 **Research in Psychology (1-6)** (PR: JR or SR status and PSYC major) Empirical research in some assigned area in psychology.
- 4009 **Special Topics (1-9)** (PR: POI)

PUBH • Public Health

- 201 **Intro to Epidemiology (3)** (PR: MATH 120, BADM 371, PLSC 205, STAT 319, or POI) A course that provides students an overview of the theory, methods, and applications of epidemiological research, particularly with regard to clinical investigations and public health intervention. (Fall of even years)
- 329 **Public Health(care) Policy (3)** (XL: PLSC 329) This course will provide students an introduction to the structure and dynamics of US public health policy. We will first discuss the basics of US policymaking within our legal system, then continue with an examination of a number of critical issues in broader health policy including the government's role in health care and public health, the health insurance system, and the gender, class, disability, and racial dimensions of the US public health and health care systems.
- 444 **Internships (1-6)**
- 458 **Special Topics (1-6)**

RELG • Religion

- 200 **Religion and Human Experience (3)** An introduction to the presence, diversity, and influence of religion in human experience. This course will explore religion across various cultures and time periods and introduce common themes such as myth, symbol, rite, ritual, belief, and practice; common questions such as the origin and fate of the world, the presence of good and evil, and the meaning and purpose of human life; and common approaches to the study of religion, including anthropology, psychology, sociology, history, literary and art criticism, theology, and philosophy. Consonant with Presbyterian College's history and mission, students will examine the history and significance of Christian faith in this context. (Fall and Spring)
- 202 **Medieval Women Mystics (3)** (XL: WGST 202) The writings of medieval women mystics are striking in their insistence on an embodied – and we might also say, graphic – form of piety. Their writings have, in turn, inspired contemporary feminist responses. We will explore the primary texts written by seven of the medieval women mystics, and read some of the illuminating reflections on them written by contemporary feminist scholars of religion.
- 203 **Religion and Film (3)** “Films are important “texts” in which cultural ideas such as anxieties and hopes are articulated and shared. This course asks students to learn to think critically about how movies communicate religious ideas and ideas about religion. We will explore a range of scholarly approaches to studying religion and film, primarily but not exclusively focusing on representations of “Christianity.”
- 210 **The Old Testament (3)** A critical exploration of historical, literary, and religious aspects of the Old Testament, including Apocryphal/Deuterocanonical texts and additional writings from the ancient Near East, with consideration of the interplay between texts, contexts, interpretations, and their effects upon the development of early Judaism. This course will also acquaint students with the goals and methods of critical biblical scholarship. (Fall and Spring)
- 212 **The New Testament (3)** A critical exploration of historical, literary, and religious aspects of the New Testament, including additional writings from the Greco-Roman world, with consideration of the interplay between texts, contexts, interpretations, and their effects upon the development of early Christianity. This course will also acquaint students with the goals and methods of critical biblical scholarship. (Fall and Spring)
- 215 **Eat, Pray, Love (3)** How do Christian beliefs shape the way we eat, pray, and love? How do those of other faiths view such every day actions differently? We will address these questions through an investigation of primary texts in Chris-

tianity and Hinduism that relate to religious practices surrounding food, prayer, and love. This course will examine different notions of temptation and sacrifice, prayer and discernment, love and lust.

- 220 **International Mission (3)** An introductory course dealing with the mission of the Church with emphasis on the international and cross-cultural aspects of that mission. Possible areas of focus include (1) Biblical basis for mission, (2) some historical patterns of mission, (3) communicating the Gospel to people of other cultures, (4) some theological and moral issues in international mission such as hunger and justice, (5) various ways to be involved in missions today, and (6) partnership with national churches. (Alternate years)
- 258 **Special Topics (1-6)**
- 301 **Introduction to Christian Education (3)** A survey of the foundational issues underlying Christian education with emphases on biblical, theological, philosophical, historical, and psychological themes. Significant time will also be dedicated to curriculum and design and the selection of curriculum resources. Activities and discussions take place against the background of observations in a local church
- 302 **Christian Doctrine (3)** (PR: RELG 101 and 110, or POI) A systematic consideration of the major doctrines of the Christian faith with primary emphasis on the Protestant tradition.
- 308 **Judaism (3)** (PR: RELG 101) An introductory overview of the writings, history, beliefs, and practices of Judaism. (Alternate years)
- 309 **Genesis (3)** (PR: RELG 101) A study of the literary, historical, and theological issues arising from the book of Genesis. Special emphasis is given to the development of interpretive skills. Attention is also paid to questions of composition, archaeology, and comparative studies between the Bible and the ancient near East. (Alternate years)
- 310 **World Religions (3)** (PR: RELG 101 and 110, or POI) An examination of the history, teachings, and practices of the major non-Western religions, including Hinduism, Buddhism, Jainism, Confucianism, Taoism, and Islam.
- 312 **Women in the Bible (3)** (PR: RELG 101 and 110, or POI • XL: WGST 312) This course will consider the biblical accounts of women as well as the range and significance of the Bible's portrayal of women. This course is offered in conjunction with the Women's and Gender Studies Program. (Alternate years)
- 313 **The Old Testament Prophets (3)** (PR: RELG 101) Begins with a study of early (pre-literary) Hebrew prophecy, moving to an examination of the literary development of the classical prophetic books. Concentration on prophets of 8th and 7th centuries B.C., especially Isaiah and Jeremiah, with attention to their relevance for modern times. (Alternate years)
- 318 **Wilderness (3)** (XL: ENVI 318) This course examines the idea of wilderness throughout America's history as it draws from various religious and philosophical views — indigenous and foreign — that have shaped perspectives of wilderness, values of natural spaces, and ecological ethics. It also probes the origins of the conservation and wilderness ideas, the creation of the world's first national parks and protected wilderness areas, and contemporary views and policies regarding wilderness in America Today.
- 320 **Religion and Politics in the U.S. (3)** (XL: PLSC 320) This course examines the interaction between religion and politics in the United States, considering both the historical and contemporary contexts of the ways in which religion and politics influence each other in the U.S. Throughout the course, current events will be emphasized.
- 322 **The Life of Jesus (3)** (PR: RELG 101 and 110) An examination of the four canonical Gospels along with their non-canonical counterparts utilizing historical-critical methodologies to probe their contexts, contents, and effects. (Alternate years)
- 330 **Pauline Epistles (3)** (PR: RELG 101 and 110, or POI) An examination of the letters attributed to Paul in light of their historical contexts along with a consideration of their relevance for modern times. (Alternate years)
- 332 **Hebrews and General Epistles (3)** (PR: RELG 101 and 110, or POI) An in-depth study of Hebrews and selected General Epistles in their historical contexts along with consideration of contemporary issues related to these documents. (Alternate years)
- 333 **Apocalypticism to Extremism (3)** (PR: RELG 101 and 110, or POI) A study of Jewish, Christian, and Islamic apocalyptic texts and movements in history to the present day, with an intensive study of Revelation, interpretive approaches of apocalyptic texts, and the roles which apocalypticism has played and continues to play in the monotheistic religious traditions of Judaism, Christianity, and Islam, particularly in matters of religious extremism and radicalization. (Alternate years)

- 340 **Approaches to the Study of Religion (3)** (*XL: PHIL 340*) What is religion? What are its origins and what is its future? Is it a source of good or evil? This course will explore contested questions about the nature of religion and the proper way to study it through a survey of various approaches and topics such as theology, philosophy, history, psychology, sociology, anthropology, and cultural studies. Our central questions will be how to assess (a) religious claims and (b) claims about religion. (Alternate years)
- 343 **Contemporary Use of the Bible (3)** (*PR: RELG 101 and 110, or POI*) What is the Bible? In what sense can it be regarded as authoritative? How can it be used legitimately as a source of present day ethics, preaching, teaching, and personal guidance? What is the relationship of the Bible to modern history and science? These and similar questions will be addressed by considering the opinions of scholars and church leaders of varying perspectives and by critical analysis of contemporary speeches, sermons, articles, and popular literature.
- 355 **Religion in America (3)** (*XL: HIST 3244*) A survey of the American religious experience from colonial times to the present with particular emphasis on the interaction of religion and American life. (Alternate years)
- 356 **The African-American Religious Experience (3)** An examination of the African-American contribution to the life of the American people from the period of slavery to the present. Particular emphasis on the relationship of African-American religion to American history and culture. (Alternate years)
- 357 **History of Christianity (3)** (*XL: HIST 3441*) A historical survey of Christianity from its beginnings to the present. Particular emphasis on the development of Christian thought and its expression in the Church. Primary and secondary sources are consulted. (Alternate years)
- 398 **Honors Research (3-6)**
- 418 **Bonhoeffer's Theology and Ethics (3)** What is the heart of discipleship? How might Christian community be shaped by practices of private and public devotion and worship? Who is Jesus Christ for us today? This course will address these questions in light of the theology and ethics of Dietrich Bonhoeffer. We will also examine Bonhoeffer's involvement in Christian resistance movements against the Nazis in Germany during the 1930s and 1940s. Readings will include *The Cost of Discipleship*, *Life Together*, *Prayerbook of the Bible*, and *Ethics*.
- 420 **Virtue and Vice (3)** What does true virtue look like? Is it humanly possible to be without vice? This course will examine answers to these questions with guidance from major Christian thinkers including Augustine, Aquinas, Luther, and Erasmus. Attention will also be given to the role of 16th and 17th century theater in the formation of the moral virtues.
- 440 **Capstone Seminar in Religion and Philosophy (3)** (*PR: PHIL/RELG 340*) This research seminar is designed to give religion majors the opportunity to identify a timely research topic, hone their research skills, write a significant research paper, present their findings in an open seminar format, and hear formal responses from their peers. Students will draw from their major course work in religious studies and across the College's curriculum to address a selected topic in a holistic and integrative fashion as both a presenter and respondent.
- 442 **Directed Studies (1-3)** (*PR: POI and department chair*) Independent reading and/or research in an area of the student's special interest. A plan including a statement of the purpose of the study, a bibliography, and the nature of any paper(s) to be written or project(s) to be completed must be approved by the instructor and the department chair at start of the term.
- 444 **Internship (1-6)**
- 446 **Readings (1-9)**
- 448 **Research (1-9)**
- 450 **Seminar (1-9)**
- 452 **Special Projects (1-9)**
- 458 **Special Topics (1-6)**
- 3420 **Rhetoric and Religion (3)** (*PR: ENGL 1001 • XL: COMM 3420*) This course examines the infrequently acknowledged connection between rhetoric and religious advocacy. While the use of rhetoric for religious purposes does fall within its scope, the course emphasizes ways in which religious appeals and symbols inform strategies for cultural change. Case studies will span global contexts, with special attention given to problems of religious identity and democratic cooperation. (Alternate years)

RLSM • Religion-Leadership, Service and Ministry

- 301 Introduction to Leadership, Service and Ministry (3)** A study of leadership, service and ministry in the Christian tradition. Specific topics include leadership and vocation; Biblical, religious and historical understandings of leadership; the roles of servant leaders in contemporary society; leadership and ethics; and skills required for leadership and ministry. The aim of this course is to prepare students for further studies in the leadership, service and ministry major, and for a life of vocational and avocational service to the church or society.
- 310 Leading Diverse Communities (1)** This course explores the nature of diversity within groups and the diverse communities to which they belong and seeks to equip students with insight and understanding of diversity – both its strengths and limitations – and particular strategies for stimulating cohesive action for the common good.
- 311 Community Impact (3)** (*PR: RLSM 310*) In this course, students will learn approaches for interacting with communities and best practices for working collaboratively toward community building. Students will research what contributes to the marginalization of groups within communities and how to pursue paths for inclusion. Finally, students will identify a marginal community of interest, research that community and the larger community in which it exists, and propose a project to address a particular need to advance the common good. This project will be implemented as part of the student's internship, which will be taken concurrently.
- 440 Capstone (3)** This course explores the human need for social connection and the consequences for individuals and society when that need is not met. Students will apply this understanding as they design, undertake and reflect upon an independent project that aims to cultivate community. Particular attention will be paid to ethical issues that arise in the process of identifying issues and proposing solutions, and to careful consideration of what might realistically be accomplished in a single semester. Students will reflect on this multi-part process and the understanding of leadership they develop through it, in a public capstone presentation.
- 444 Internship in Community Impact (1-6)** (*PR: RLSM 311*) Students will work with a marginal community of interest, which they will have identified from their research in RLSM 311, Community Impact, which is a prerequisite for this internship. While working with an approved organization, students will reflect on their service experiences with faculty in the Department of Religion and Philosophy. The action, reflection, action model has proven to be pedagogically effective and serves as the internship model for the RLSM major.

SOC • Sociology

- 201 Introductory Sociology (3)** Overview of structure and dynamics of human societies. Topics include sociological theories and methods, culture, social organization, institutions, communities, social stratification, population, and social change. (Fall and Spring)
- 205 Research Methods and Analysis (3)** (*PR: PLSC or SOC major • XL: PLSC 205*) An examination of the different techniques used to conduct and evaluate research in the social sciences with an emphasis on data analysis. (Fall)
- 206 Social Problems (3)** Problem areas in our society, including medical care, poverty and dependency, crime, alcoholism, sexual deviancy, race relations, and environmental concerns. (Alternate years)
- 207 Introduction to Anthropology (3)** Study of people as cultural being. Includes recent findings of physical anthropology and archaeology, as well as in-depth study of selected non-literate societies.
- 258 Special Topics (1-6)**
- 302 Marriage and the Family (3)** (*PR: SOC 201 or POI*) A sociology of the family, including those in other cultures. A functional study of marital problem areas, including sexuality, parenthood, and aging.
- 303 Sociology of the Contemporary South (3)** (*PR: SOC 201 or POI*) An examination of continuity and change in the subculture of the American South. Consideration will be given to regional identity, stereotypes, and images and to institutions found in the contemporary South. Also includes discussion of the South's future as a distinctive region. (Alternate years)
- 309 Criminology (3)** (*PR: SOC 201 or POI*) Crime, delinquency, and correction in American society. Police and legal problems.
- 310 Urban Sociology (3)** (*PR: SOC 201 or POI*) The human community as unit of social organization. Topics include historical development of cities, development of suburbs, urbanism as a way of life, metropolitan dynamics, and urban problems. Consideration of urban areas throughout the world. (Alternate years)
- 311 Sociological Theory and Social Policy (3)** (*PR: SOC 201 or POI*) An examination of the major theorists of the classical

period of sociology and the major theoretical perspectives that have emerged in the contemporary period. The course analyzes the social foundations of the various perspectives and focuses on the implications of the various theories for social policy.

- 312 **Social Psychology (3)** (PR: SOC 201 or PSYC 1001 • XL: PSYC 2050) A study of the relation of the individual to the social group. Topics include conformity, obedience, attitudes and persuasion, aggression, prejudice, and attraction.
- 318 **Medical Sociology (3)** (PR: SOC 201) A study of health and illness from a sociological perspective. The course addresses such topics as public health and illness, roles of health professionals and paraprofessionals, health care structures and costs, comparative health systems, and ethical issues facing the medical community.
- 325 **Sociology of Aging and the Life Course (3)** (PR: SOC 201) A study of the social phenomenon of aging. Special attention is given to social roles of the elderly in the family, economy, community, and religion. Further consideration will be given to special problems facing the elderly such as health, care giving, and poverty, and to exploring the role of the state in helping older adults.
- 326 **Sociology of Work and Occupations (3)** (PR: SOC 201) A study of sociological perspectives on the changing nature and organization of work and the economy within American society and globally. Inequalities on the basis of gender, age, race, and social class are explored. Work structures, types of occupations, and global capitalism are also considered. (Alternate years)
- 360 **World Population Issues (3)** (PR: SOC 201 or POI) Analysis of human population, its size, distribution, structure, and change from the social demographic perspective. Topics include fertility, mortality, migration, population trends, and population issues and policies.
- 362 **Social Inequality (3)** (PR: SOC 201 or POI) Examination of social inequality in American society from a sociological perspective. Topics include class divisions, unequal access to goods and services, means utilized to maintain social inequality, and the dynamics of gender inequality. (Alternate years)
- 363 **The Sociology of Gender (3)** (PR: SOC 201) A sociological analysis of the development and role of gender in human society. The course addresses how gender is socially constructed and the key issues for men and women that emerge in diverse social environments such as the home and workplace and in educational, religious, and political institutions.
- 364 **Race and Ethnic Relations (3)** (PR: SOC 201 or POI) An examination of sociological perspectives on majority-minority relations and of the histories and cultures of particular racial and ethnic groups in the United States, including Afro-Americans, Native Americans, Mexican-Americans, Puerto Ricans, Chinese-Americans, and Japanese-Americans. (Alternate years)
- 366 **Social Movements (3)** (PR: SOC 201 or POI) A study of the general characteristics of social movements. Two or more particular movements such as the African-American movement, Third World national liberation movements, the women's movement, and the ecology movement will be discussed. (Alternate years)
- 370 **Politics of the Developing World (3)** (PR: PLSC 201 or SOC 201, or POI • XL: PLSC 370) An examination of the political, economic, and social factors that have led to the present state of underdevelopment in Africa and parts of Asia, Latin America, and the Indian subcontinent. Social scientific theories of underdevelopment and the role of the political system in the process of development are analyzed. Particular attention is given to the role of government in the economy, processes of economic reform, and the corresponding effects on poverty, income distribution, and other factors related to development.
- 398 **Honors Research (3-6)**
- 410 **God and Globalization (3)** (XL: RELG 410) This course examines the relationship between religion and economics from a historical and a contemporary perspective. We will examine the historical roots of capitalism through a reading of Adam Smith's classic, *The Wealth of Nations*, and Max Weber's *The Protestant Ethic and the Spirit of Capitalism*. Contemporary issues relating to globalization, the process by which international trade has dramatically increased, will be examined in the second half of the course. The impact of globalization on developed as well as developing societies will be considered from the perspective of religious and social life.
- 424 **Field Inquiry in Sociology (3)** (PR: PLSC/SOC 205) Students design and execute research projects under supervision. Introduction to data analysis and computer usage. Final paper must be presented orally.
- 442 **Directed Studies (1-9)**
- 444 **Internship (1-6)**
- 446 **Reading (1-9)**

- 448 **Research (1-9)**
- 450 **Seminar (1-9)**
- 452 **Special Projects (1-9)**
- 458 **Special Topics (1-6)**

SOST • Southern Studies

- 2001 **Introduction to Southern Studies: History and Memory (3)** (PR: ENGL 1001) An introduction to to a complex and diverse region that emphasizes the forms of connected learning that are popularly referred to as “Critical Reasoning” and “Critical thinking.” Students learn to make profound connections between texts, contexts, and subtexts through broad-ranging inquiries into history and memory in the study of the rich tapestry of identities and stories that make up the South. (Fall, odd years)
- 3001 **Research Methods in Southern States (3)** (PR: SOST 2001) The advanced seminar in Southern studies is designed to bring students in the minor as well as English-Communications, History, Media Studies, and other affiliated departments, into a space of collaborative exploration. Here, experimentation is encouraged and specialized interests may enter into dialogue with key issues facing the region (and the nation). The advanced seminar centers primary research from multiple sources, but especially from the Textile Mill Memory Project, and explores cultural production across varied genres and media including oral history. Students-as-collaborators will learn to synthesize disparate elements into sustained complex arguments, creating and presenting significant work in written, oral, and other creative formats. (Fall, even years)
- 3101 **Southern Literature: The Big House (3)**(PR: ENGL 1001 and 1002; ENGL 2203 or 2205 for English majors/minors or SOST 2001 for Southern Studies minors ▪ XL: ENGL 3363 ▪ Post-1900 literature course) As the organizing trope for nearly three centuries of literary production from within and about the South, the “Big House” provides the perfect lens for critical analysis of the region. Symbolizing permanence, elite status, and the glamorous lifestyles of the rich and famous alongside transience, prison houses, and existential doom, the “Big House” trope will guide an introduction to significant Southern writing from colonial America to the present, with particular attention to writers of the 20th century and to “our” South’s intimate connections to a global plantation complex. (Alternate years)
- 3102 **Appalachian Literature (3)** (PR: ENGL 1001 and 1002; ENGL 2203 for English majors/minors or SOST 205 for Southern Studies minors ▪ XL: ENGL 3361) A survey of Appalachian fiction, poetry, and drama from the 1920s to the present, focusing on cultural identity, landscape, musical and religious heritage, regionalism, and migration experiences.
- 2500 **Special Topics (1-6)**
- 4002 **Special Projects (1-6)**
- 4005 **Directed Studies (3)** (Open to Southern Studies minors who have completed at least nine additional hours towards the Southern Studies minor, including SOST 205) Designed to allow the student to pursue a topic of special interest under the direction of a faculty member who teaches courses that count towards the SOST minor.
- 4007 **Internship (1-6)**
- 4008 **Research (1-6)**
- 4009 **Special Topics (1-6)**

SPAN • Spanish

- 1001 **Introductory Spanish I (4)** A basic course designed to develop speaking, listening, reading, and writing skills and an awareness of Hispanic culture.
- 1002 **Introductory Spanish II (4)** (PR: SPAN 1001 or placement) A continuation of SPAN 1001.
- 1003 **Spanish for Educators (3)** (PR: Prior experience in Spanish is suggested, but not required) This course provides students preparing to enter the workforce as early childhood, elementary, and secondary educators with the Spanish conversational skills and cultural competency needed to communicate effectively in a school setting with bilingual or heritage learners and their parents or guardians. By the end of the course, students will be able to ask for personal information, give basic classroom instructions, and explain school events or procedures to parents/guardians. Communication skills will be developed in simulated classroom and school situations, within a Hispanic cultural perspective. (Spring)
- 1051 **Accelerated Introductory Spanish (4)** An accelerated course for students with previous study of Spanish. Continues the development of fundamental skills with an emphasis on speaking and comprehension. Credit cannot be received for both SPAN 1051 and 1002.

- 2001 Intermediate Spanish (3)** (PR: SPAN 1002, 1051 or placement) A study of Hispanic culture accompanied by a thorough review of grammar and continued oral-aural work as well as continued practice in writing.
- 2002 Culture and Communication (3)** (PR: SPAN 2001 or placement) This course explores various cultural aspects of the Hispanic world. Readings, audio-visual materials, class discussions and assignments will focus on strengthening the students' oral and written skills in the target language.
- 2500 Special Topics (1-6)**
- 3001 Spanish Composition and Conversation I (3)** (PR: SPAN 2001 or POI) This course is designed to develop and improve skills in oral and written communication in Spanish.
- 3002 Spanish Composition and Conversation II (3)** (PR: SPAN 2001 or POI) The focus of this course is applying essential strategies and skills for writing and conversation in contemporary Spanish.
- 3008 Spanish for the Professions (3)** (PR: SPAN 2001 or POI) This course is designed to allow students to acquire skills in the Spanish language as used in the professional world. They will become familiar with specialized terminology in different professional areas such as international business and advertisement, commerce and banking, health and medical care, among others. Students will practice the Spanish language in simulated work-type situations that are frequent in professional contexts: company meetings, professional presentations, formal/informal conversations with visitors, discussion of new regulations and legal procedures, exchanging ideas with colleagues, all within the context of the practices and traditions of Hispanic culture.
- 3015 Spanish Civilization (3)** (PR: SPAN 2002, 3001 or 3002, or POI) A study of Spanish civilization with emphases on geography, history, social structure, and artistic contributions of the society.
- 3016 Latin American Civilization (3)** (PR: SPAN 2002, 3001 or 3002, or POI) A study of Latin American civilization from the pre-Columbian era to the present, including history, geography, politics, and artistic contributions of the society.
- 3018 Political Violence and Culture in Latin America (3)** (PR: SPAN 2002 3001 or 3002, or POI • XL: LAST 3018) The 20th century saw Latin America preoccupied by the struggle over socialism and communism. This course will examine cultural representations of this struggle through film and short stories. Films will have subtitles and short stories will be available in English and Spanish.
- 3033 Issues in Spain (3)** (PR: SPAN 2002, 3001 or 3002, or POI • May be taken more than once for credit) This semester focuses on issues in modern Spain. Possible topics include the role of Spain in the European Union, globalism, immigration, nationalism and identity, terrorism, post-civil war generation, gender and sexuality, and the role of the Catholic Church in the 21st century.
- 3034 Issues in Latin America (3)** (PR: SPAN 2002, 3001 or 3002, or POI • May be taken more than once for credit) This seminar focuses on issues in Latin America. Possible topics include the representation and voice of Latinos/ Hispanics in the United States, interventionism, exile and migration, globalism, and indigenous cultures.
- 3035 Introduction to Latin American Studies (3)** (PR: SPAN 2002, 3001 or 3002, or POI • XL: LAST 3035) An interdisciplinary course that provides a general overview of the historical, political, sociological, religious, and cultural development of Latin American.
- 3041 Business Spanish (3)** (PR: SPAN 2002, 3001 or 3002, or POI) A course designed to perfect skills in the language and procedures used by the Hispanic business world. Includes terminology and methods used in marketing, labor relations, international commerce, and banking; practice in interpreting and writing for business use; and acquaintance with the history, geography, culture, and economic status of the Spanish-speaking nations.
- 3043 Spanish Apprenticeship (3)** (PR: SPAN 3001 or 3002 or POI) Students observe beginning language classes and eventually teach segments of the course and prepare audio-visual materials and tests under the close supervision of the first-year teacher.
- 3050 Latin American Cinema (3)** (PR: SPAN 2002, 3001 or 3002, or POI • XL: LAST 3050) This course focuses on the development of Latin-American film in the major filmmaking countries: Brazil, Argentina, and Cuba. The course explores the nature of film itself, contextualizing cinematic production with historic, social, and aesthetic tensions in the construction of Latin- American identity.
- 4000 Introduction to Literary Appreciation (3)** (PR: SPAN 2002, 3001 or 3002, or POI) An introduction to the vocabulary and techniques of literary criticism and to the nature of the main literary movements and genres.
- 4002 Special Projects (1-9)**
- 4003 Honors Research (3-6)** (PR: SPAN 4800)

- 4004 **Readings (1-9)**
- 4005 **Directed Studies in Spanish (3-9)** (PR: SPAN 2002 and SPAN major) Readings and research on a topic approved by the department.
- 4006 **Seminar (1-9)**
- 4007 **Internship (1-6)**
- 4008 **Research (1-9)**
- 4009 **Special Topics in Spanish (1-6)** (PR: SPAN 2002) Directed independent study on a topic approved by the department.
- 4021 **Early Modern Literature of Spain (3)** (PR: SPAN 2002, 3001 or 3002, or POI) An introduction to Spanish literature from its beginnings through the 18th century.
- 4022 **Contemporary Literature of Spain (3)** (PR: SPAN 2002, 3001 or 3002, or POI) An overview of Spanish literature of the 19th and 20th centuries.
- 4031 **Early Modern Spanish-American Literature (3)** (PR: SPAN 2002, 3001 or 3002, or POI) An introduction to various genres written from the colonial period to modernism.
- 4032 **Contemporary Spanish-American Literature (3)** (PR: SPAN 2002, 3001 or 3002, or POI) An overview of the principal literary movements from modernism to the present.
- 4800 **Signature Work in Spanish (1)** (PR: SR status and SPAN major) In signature work, a student integrates, applies, demonstrates, reflects on, and communicates their cumulative learning of the Spanish language and Hispanic culture in a semester-long project related to a problem or issue defined within a course or during an internship or study away experience. Signature work focuses on complex questions that are meaningful to the individual student and to society, and requires input from multiple disciplines and perspectives.

SPED • Special Education

- 300 **Behavior Management and Communication Skills for Exceptional Children (3)** (PR: Acceptance into Teacher Education Program) This course will emphasize the current techniques, educational strategies and tools that will aid the general and special education teacher in understanding and handling behavior problems in the classroom and other educational settings. The current research in language and communication in the classroom and community settings will be explored for use in the general and special education classroom. (Fall)
- 305 **Introduction to Learners with Exceptional Needs (3)** The focus of this class is on the historical and philosophical basis for special education; physical and psychological characteristics of exceptional children; study and discussion of past and emerging educational practices for exceptional children with emphasis on pedagogical commonalities. The main emphasis will be on the school-aged child. (Fall)
- 310 **Learning Disabilities, Characteristics and Interventions (3)** (PR: Acceptance into Teacher Education Program) The origins of the concept of learning disabilities (LD) will be explored. Cognitive and neuropsychological test patterns as LD indicators with an emphasis on cognitive characteristics that distinguish students with disabilities in the areas of reading; influence of emotional and sociocultural factors on self-image and academic performance. (Fall)
- 315 **Intellectual Disabilities, Characteristics and Interventions (3)** (PR: Acceptance into Teacher Education Program) This course examines the definitions and characteristics of children and adults with severe intellectual disabilities and those with autism spectrum disorders. Research-based interventions on the psychological and education aspects of these conditions are introduced and discussed. (Fall)
- 320 **Emotional Disabilities, Characteristics and Interventions (3)** (PR: Acceptance into Teacher Education Program) This course provides an in-depth examination of students with emotional and behavioral difficulties. Attention is given to federal and state regulations, laws, learner characteristics, student identification, and program models. Emphasis is placed on behavioral techniques, classroom management skills, and instructional practices in a K-12 setting. (Fall)
- 325 **Instruction for Persons with Emotional Disabilities (3)** (PR: Acceptance into Teacher Education Program) This course will explore the guidelines for serving students with emotional disturbance and the resources for IEP teams to comprehensively address the needs of ED students. The research into students who demonstrate problem behaviors such as ADHD, OCD or ODD will be addressed. The psychiatric diagnosis of ED and related disorders such as schizophrenia will be analyzed and methods and procedures will be introduced for accommodations in the classroom. (Spring)

- 330 Instruction for Persons with Learning Disabilities (3)** (*PR: Acceptance into Teacher Education Program*) This course reviews and analyzes approaches for treating and managing students with learning disabilities including interventions and approaches in regular and special education settings. Instructional systems along with screening and diagnostics will be covered. (Spring)
- 335 Instruction for Persons with Intellectual Disabilities (3)** (*PR: Acceptance into Teacher Education Program*) This course provides a practical overview of the field of autism spectrum disorders (ASD) and intellectual disabilities (ID) for future educators planning on working with these populations of students. The course will emphasize learners with mild/moderate disabilities on the spectrum and mild intellectual disabilities. It serves a dual purpose in familiarizing students with the common characteristics of ASD and ID while also placing a particular emphasis on the importance of adopting empirically validated instructional strategies for these learners. Issues of equity and fairness in the classification and instruction of students with these disabilities will also be addressed. (Spring)
- 400 Assessment and Measurement of Exceptional Learners (3)** (*PR: Acceptance into Teacher Education Program*) This course provides students with knowledge, skills, and understanding of assessment issues related to students in general and special education settings. Topical coverage includes the types and characteristics of assessments; an introduction to formal and informal (functional) assessment in special education; and the use of assessment information to determine special education eligibility, identify current academic and nonacademic performance, set instructional goals, monitor progress, and determine the effectiveness of instruction. Current legal and ethical issues in assessment are discussed including participation in state and local assessment programs, appropriate grading and testing accommodations, and assessment of students from diverse backgrounds. (Fall)
- 405 Severe Disabilities, Characteristics and Interventions (3)** (*PR: Acceptance into Teacher Education Program*) The course takes an in-depth look and analysis of the psychological, physical, educational, medical and learning characteristics and needs of students with severe or multiple disabilities. Research-based interventions and methodologies will be studied. (Fall)
- 410 Instruction for Persons with Moderate to Severe Disabilities (3)** (*PR: Acceptance into Teacher Education Program*) This course provides students with the skills and understanding needed to teach persons with severe/profound disabilities; program needs, services and an overview of the role of persons with severe and profound disabilities within society and school settings. (Fall)
- 420 Observation and Assessment (3)** (*PR: Acceptance into Teacher Education Program; SR status and successful completion of all requirements for clinical practice*) Provides for directed and closely supervised performance of student teachers in the full range of duties of classroom teachers. Regular seminars and personal conferences are an integral component of the course. A minimum grade of “C” is required to receive the College’s recommendation for certification.
- 421 Planning and Seminar (3)** (*PR: Acceptance into Teacher Education Program; SR status and successful completion of all requirements for clinical practice*) Provides for directed and closely supervised performance of student teachers in the full range of duties of classroom teachers. Regular seminars and personal conferences are an integral component of the course. A minimum grade of “C” is required to receive the College’s recommendation for certification.
- 422 Directed Teaching in Special Education (6)** (*PR: Acceptance into Teacher Education Program; SR status and successful completion of all requirements for clinical practice*) Provides for directed and closely supervised performance of student teachers in the full range of duties of classroom teachers. Regular seminars and personal conferences are an integral component of the course. A minimum grade of “C” is required to receive the College’s recommendation for certification.

SPCH • Speech

- 201 Public Speaking (3)** An introduction to the basic principles of effective communication. Speeches assigned on various topics and constructive criticism given. Poise and skill in public presentation of speeches emphasized.

STAT • Statistics

- 319 Business Statistics (4)** (*3 hrs. lecture, 3 hrs. lab weekly • PR: Junior status or POI*) A course dealing with basic statistical concepts and methods: organization and presentation of data, probability, probability distribution, sampling distributions, simple regression and correlation, confidence intervals, and hypothesis testing. (Fall and Spring)

THEA • Theatre

- 1000 Introduction to Theatre (3)** Students in this course will be introduced to the practice of theatre through active learning exercises and reflective writing and will create their own theatre art. After studying the basic principles of interpreting plays for the stage, students will focus on adaptation and documentary theatre through the ensemble creation of new work.
- 2101 Political Theatre (3)** An investigation into the practice, aesthetics, and ethics of political and applied theatre, focusing on political theatre's response to war and to political oppression in the 20th and 21st centuries. (Fall, odd years)
- 2103 African-American Theatre (3)** A course on the stylistic trends in modern African-American theatre, using the works of a selection of African-American playwrights as examples of the theatre of their time. Students will consider the ethical implications involved when critiquing work that has a specific cultural basis. (Spring, odd years)
- 2104 Intercultural Theatre (3)** In this course, students will investigate contemporary intercultural performance practice in the context of globalization and consider the ethical and artistic implications when a style is adapted for use outside of its parent culture. (Spring, even years)
- 2301 Documentary Theatre (3)** (PR: THEA 1000 or CRWR 2100, 2200, 2300 or 2400) In this course, students will study a historical figure or time period and write and direct a one-act play based on that research. (Fall, odd years)
- 2500 Special Topics (1-6)**
- 3000 Theatre for Social Change (3)** This course will investigate the history of theatre for social change. It will then explore the process of collective creation by developing a production from concept to final performance. (Spring, odd years)
- 4007 Internship in Theatre (1-6)** (PR: THEA 1000 and 15 additional hours of theatre) Open only to theatre majors. Internships may be pursued in acting, stage managing, design, technical theatre, or related fields approved by the student's adviser and the drama faculty. The student's work will be closely supervised in the company in which the internship is undertaken, and he/she must submit weekly written reports and a final written report to his/her faculty supervisor. A student may not earn more than six hours in internship programs in theatre.

WGST • Women's and Gender Studies

- 202 Medieval Women Mystics (3)** (XL: RELG 202) The writings of medieval women mystics are striking in their insistence on an embodied – and we might also say, graphic – form of piety. Their writings have, in turn, inspired contemporary feminist responses. We will explore the primary texts written by seven of the medieval women mystics, and read some of the illuminating reflections on them written by contemporary feminist scholars of religion.
- 225 Introduction to Women's and Gender Studies (3)** An interdisciplinary course that studies the roles, images, contributions, and experiences of women of various races, classes, and cultures, and concludes with a research or service-learning project.
- 258 Special Topics (1-6)**
- 300 Women in U.S. Politics (3)** (XL: PLSC 300) This course examines the role of women in politics in the United States, considering the philosophical, historical and political roles of women as citizens, voters, activists, candidates, and policy-makers. Throughout the course, current events and public policies as they relate to gender equity will be emphasized.
- 312 Women in the Bible (3)** (PR: RELG 101 and 110, or POI • XL: RELG 312) This course will consider the biblical accounts of women as well as the range and significance of the Bible's portrayal of women. This course is offered in conjunction with the Women's and Studies Program. (Alternate years)
- 355 Womanist, Feminist and Liberation Theo-Pedagogies (3)** This course provides students the opportunity to hear and examine the voices who have historically been structurally silenced and oppressed. It will examine major issues and thinkers in womanist, feminist and liberation theologies and pedagogies through integrative study. It will move from context to theology and into the pedagogies that emerge as we engage and empower.
- 442 Directed Studies (3-6)**
- 444 Internship (1-6)**
- 448 Research (1-9)**
- 450 Seminar (1-9)**
- 452 Special Projects (1-9)**
- 458 Special Topics (1-6)**

Resources

2022-2023 ACADEMIC CALENDAR
as of 1/31/21

FALL 2022 SEMESTER

AUGUST 2022

19 Friday Orientation for New/Transfer Students
 20 Saturday Residential Facilities Open for New Students
 21 Sunday Residential Facilities Open for Returning Students
 22-23 Monday-Tuesday Welcome Back Events for Students
 23 Tuesday Opening Convocation & Signing of the Honor Roll
 24 Wednesday Regular Class Schedule Begins
 30 Tuesday Last Day for Late Registration or Change of Schedule (Drop/Add)

SEPTEMBER 2022

23 Friday Incomplete Grades for Spring & Summer Due to Registrar

OCTOBER 2022

10-11 Monday-Tuesday Fall Break
 14 Friday Mid-Term Grades Due – 9:00 a.m.

NOVEMBER 2022

4 Friday Last Day to Drop a Course with a Grade of W
 23-25 Wednesday-Friday Thanksgiving Holidays

DECEMBER 2022

6 Tuesday Last Day of Classes
 7 Wednesday Reading Day
 8-13 Thursday-Tuesday Final Exams
 14 Wednesday Residential Facilities Close for All Students
 16 Friday Final Grades Due – 9:00 a.m.

Final Exams	Thurs. Dec 8	Fri. Dec. 9	Mon. Dec. 12	Tues. Dec. 13
8:30 a.m.	D	K	C	E
1:30 p.m.	G	I	H	F
5:30 p.m.	B	L	A	J

SPRING 2023 SEMESTER

JANUARY 2023

8 Sunday Residential Facilities Open for All Students
 9 Monday Regular Class Schedule Begins
 13 Friday Last Day for Late Registration or Change of Schedule (Drop/Add)
 16 Monday Martin Luther King, Jr., Holiday

FEBRUARY 2023

3 Friday Incomplete Grades for Fall Due to Registrar
 28 Tuesday Assessment Day (limited class meetings)

MARCH 2023

10 Friday Mid-Term Grades Due – 9:00 a.m.
 13-17 Monday-Friday Spring Break

Board of Trustees

(Dates in parentheses denote the year the individual joined PC's Board of Trustees and the expiration of the current term)

Robin Boren '97 (2021, 2023)

SVP Finance and Treasurer, Southern Company Services, Atlanta, GA

Brad Bryant '75 (2016, 2021)

Vice President and Executive Director, REACH, Atlanta, Ga.

Willie Cooper '81 (2018, 2023)

CPA, Independent Consultant, Fayetteville, N.C.

Hartwell Dew '75 (2016, 2021)

Executive Vice President, Guy Carpenters and Co., LLC Atlanta, Ga.

Thomas Free '91 (2018, 2023)

Retired St. Petersburg, Fla.

Gregg N. Frierson (2019, 2021)

New Market Sales Executive, Bank of America, Orangeburg, S.C.

Whitney Harrison (2007)

Attorney with McGowan, Hood, Felder, & Phillips, LLC, Columbia, S.C.

Alumni Association Representative

John Inman '89 (2017, 2022)

President, HMI Property Solutions Atlanta, Ga.

John Jeselnik, Jr. '73 (2018, 2023)

Principal, EZ Way Farm Rocky Ford, Ga.

William D. S. Kuhne (2012, 2022)

Operations Manager, Epic Foods, Columbia, S.C.

E. G. Lassiter (2015, 2023)

Chairman and CEO (Retired), RSUI Group Atlanta, Ga.

Ann Taylor Morgan '81 (2017, 2022)

Director of HR Program Integration, Duke Energy Rock Hill, S.C.

Jill Moylan '84 (2018, 2023)

Home Advantage Realty, Columbia, S.C.

Rev. Danny C. Murphy (2017, 2022)

General Presbyter, Trinity Presbytery, Lexington, S.C.

Wes Nalley '86 (2017, 2022)

President, CEO, Nalley Construction Company Greenwood, S.C.

Dr. Floyd Michael Nicholson '14 (2021, 2023)

Dentist, SC Department of Corrections, Columbia, SC

Rev. Jeri Parris Perkins '81 (2016, 2021)

Pastor and Head of Staff, First Presbyterian Church Clinton, S.C.

James Pfeiffer (2019, 2021)

President/CEO, Self Regional Healthcare, Greenwood, S.C.

Ted Pitts '94 (2016, 2021)

President and CEO, South Carolina Chamber of Commerce Columbia, S.C.

Chad Prashad (2022)

President and Chief Executive Officer of World Acceptance Corporation, Greenville, S.C.

Dr. Holbrook W. Raynal '70 (2018, 2023)

Medical Director for Health Integrity, LLC Clinton, S.C.

Dr. Stan Reid '74 (2016, 2021)

Stated Supply Pastor, Grace Covenant Presbyterian Church Mauldin, S.C.

Ruth Roper (2017, 2022)

Vice President of Strategy and Business Development (Retired), Sealed Air Greenville, S.C.

Dr. Jimmy Sain (2021, 2023)

Director of Pharmacy, Network Healthcare, Hilton Head Island, SC

Louise R. Slater (2016, 2021)

Partner, The Price Group Candler, N.C.

Steve M. Smith '84 (2019, 2021)

President CEO, Swagelok North Carolina and East Tennessee, Waxhaw, N.C.

Brad Spearman '85 (2018, 2021)

Director of Operations, Global Tech Industries Clarkesville, Ga.

Officers of the Board

E. G. Lassiter '69, Chair

Ruth Roper, Vice Chair

Louise R. Slater, Secretary

Emeriti Trustees

Ronald W. Allen, Atlanta, Ga. (1995-2007)

James H. Barnhardt, Jr., Charlotte, N.C. (1999-2007)

Kenneth R. Couch, Spartanburg, S.C. (2012, 2020)

William C. Gaston, Atlanta, Ga. (1999-2006)

Rev. Allen C. McSween, Greenville, S.C. (2007-2015, 2016)
Richard H. Monk, Jr., Birmingham, AL (1987-1990; 1991. 2002: 2003)
James H. Powell, Ga. (2002 - 2010; 2014-2016)
William B. Shearer, Jr., Miramar Beach, Fla. (2002-2007; 2008-2016)

Officers, Deans, and Directors of the College

(Date in parentheses denotes the year the individual joined PC's staff)

Robert Acunto, Director of Athletics (2019)
B.S., Bryant College; M.Ed., Springfield College

J. Alicia Askew, Dean of Academic Programs and Professor of Psychology (2004)
B.S., Presbyterian College; M.S., Ph.D., University of Georgia

April Baur, Director of Financial Aid (2022)
B.A., Anderson University; M.Ed., Columbia College

Kevin Crider, Director of Information Technology (2021)
B.S., SUNY Oneonta; MALS, SUNY Plattsburgh

Michael D. Crisp, Executive Director of Campus Services (2014)

Amanda Dowdle, Director of Annual Giving (2014)
B.S., Presbyterian College

Sandy Dowdle, Director of Human Resources Operations & Deputy Title IX Coordinator (1989)

Stacy Dyer, , Director of Enrollment Marketing (2018)
B.A., Presbyterian College; M.Ed., Converse College

Susan Gentry, Director of Counseling Services (2007)
B.A., M.S.W., University of South Carolina

Viet X. Ha, Director of International Programs (2009)
B.A., Gordon College; M.A., School for International Training

Jason Koenig, Director of Auxiliary Services (2016)

Jason Lackey, Director of Facilities Services (2016)

Kim Lane, Associate Dean of Students and Director of Career and Professional Development (2015)
B.B.A., Ohio University; M.S., University of West Alabama

Leigh W. Lanford, Executive Director of Admissions (2020)
B.S., Presbyterian College

Ashtin Frank Lizanich, Director of Alumni Relations (2017)
B.S., Presbyterian College

David R. O'Cain, Vice President for Enrollment (2021)
B.S., Erskine College

Kerry E. Pannell, Provost/Vice President of Academic Affairs and Professor of Economics and Business Administration (2021)
B.S., M.S., University of Colorado-Boulder, Ph.D., Stanford University

Leni N. Patterson, Executive Director of Strategic Initiatives (2000)
B.S., Presbyterian College

Andrew T. Peterson, Dean of Students (2014)
B.S., Allegheny College; M.A., The Ohio State University

Jeff Scaccia, Vice President for Finance and Administration (2019)
B.B.A., University of Central Arkansas, M.B.A., University of Arkansas-Little Rock

Elizabeth S. Shull, Controller (2021)
B.S., USC; MACC, USC

Sylvia J. Sievers, Director of Institutional Research and Assessment (2022)
B.A., Ph.D., Stony Brook University

Theresa R. Tibbs, Vice President for Human Resources and Title IX (2021)
B.A., North Carolina Agricultural and Technical State University; M.M.S., State University of New York-Binghamton

Matthew P. vandenBerg, President and Professor of Education (2021)
B.A., Alma College; M.P.A., Indiana University; Ed.D., University of Pennsylvania

Douglas J. Wallace, Director of Media and Technology Services (1989) B.S., M.A., Appalachian State University

Vicky W. Wilson, Registrar and Director of Records (1998)

Full-Time Faculty of Instruction

(Date in parentheses denotes the year the individual joined PC's faculty)

James T. Allen, Associate Professor of Economics of Business Administration (2021)
B.S, University of Florida, M.S., Florida State University, Ph.D., University of Southern Mississippi

Carla H. Alphonso, Professor of Sociology (2001)
B.A., Oglethorpe University; M.A., Ph.D., Tulane University

Kate G. Anderson, Associate Professor of Psychology (2016)
B.S, Berry College, M.S., Ph.D., University of Louisville

Mark R. Anderson, Marianne and Elwood Gray Lassister, III Professor of Art (1986)
B.S., Asbury College; M.F.A., University of Tennessee

J. Alicia Askew, Dean of Academic Programs and Professor of Psychology (2004)
B.S., Presbyterian College; M.S., Ph.D., University of Georgia

Daniel B. Bailey, Associate Professor of Political Science (2018)
B.A., Ph.D., Texas Tech University, M.A., Northeastern Illinois University

G. Terry Barr, Professor of English (1987)
B.A., University of Montevallo; M.A., Ph.D., University of Tennessee

Brian D. Beasley, Charles E. Daniel Professor of Mathematics (1988)
B.S., Emory University; M.S., University of North Carolina at Chapel Hill; Ph.D., University of South Carolina

Drew S. Brandel, Assistant Professor of Psychology (2019)
B.A., B.S., Presbyterian College, Ph.D., University of Oregon

J. Justin Brent, Professor of English (2001)
B.A., Furman University; Ph.D., State University of New York at Stony Brook

Giovani Estefano Briguente, Assistant Professor of Music (2021)
B.A., University of Sorocaba; B. Mus., Conservatoire of Tatuí; M. Mus., University of Minnesota-Duluth;
D.M.A., University of Michigan

Robert A. Bryant, Kristen Herrington Professor of Bible (1998)
B.S., Virginia Polytechnic Institute and State University; M.Div., Ph.D., Union Theological Seminary

Karen W. Buckland, Professor of Music (2002)
B.M., Mansfield University; M.M., D.M.A., University of South Carolina

Sarah C. Burns, Associate Professor of Psychology (2011)
B.S., Presbyterian College; Ph.D., University of Tennessee

Roy B. Campbell, Professor of History (2002)
B.A., Wingate University; M.A., Ph.D., Florida State University

Rachel G. Childers, Associate Professor of Economics and Business Administration (2016)
B.A., M.A., Bowling Green State University; Ph.D., University of Kansas

Mark R. Cox, Professor of Spanish (1997)
B.A., M.A., University of Tennessee at Knoxville; Ph.D., University of Florida

Laura J. Crary, Professor of Art History (2002)
B.F.A., Ohio University; M.A., Ph.D., University of Pittsburgh

Douglas S. Daniel, Professor of Mathematics (2003)
B.A., College of William and Mary; M.S., Georgia Institute of Technology; Ph.D., University of Tennessee

Ladie Kimberly De La Cruz, Assistant Professor of Chemistry (2021)
B.S., University of the Philippines Los Baños; Ph.D., Georgia State University

A. Christian Elser, III, Professor of Music (2008)
B.M., University of Wisconsin; M.M., Northwestern University; D.M.A., University of Kansas

Stephanie D. Freis, Assistant Professor of Psychology (2017)
B.S., University of Wisconsin-Green Bay; M.A., Ph.D. The Ohio State University

Latha A. Gearheart, Professor of Chemistry (2001)
B.S., Mary Washington College; Ph.D., University of South Carolina

Kurt Gleichauf, Assistant Professor of Economics and Business Administration (2018)
B.S., Colorado State University; M.I.B, Ph.D., University of South Carolina

Gregory D. Goeckel, Professor of Mathematics (1993)
B.S., Marymount College of Kansas; M.S., Ph.D., Kansas State University

Stuart G. Gordon, Professor of Biology (2009)
B.A., The College of Wooster; Ph.D., Ohio State University

Tammy J. Graham, Associate Professor of Education (2021)
B.S.Ed, Athens State College, M.S.Ed., Alabama A & M University; Ed.D., Cambridge College

Kendra Y. Hamilton, Associate Professor of English (2014)
A.B., Duke University; M.F.A., Louisiana State University; Ph.D., University of Virginia

William J. Harris, Associate Professor of History (2017)
B.A., Alabama State University; M.A., University of Akron; Ph.D., Cornell University

C. Clinton Harshaw, Professor of Mathematics (2003)
B.S., Newberry College; M.S., Clemson University; Ph.D., University of South Carolina

Richard R. Heiser, Professor of History (1999)
B.A., Nyack College; M.A., Ph.D., Florida State University

Joshua Hoffbauer, Lecturer in Physics (2019)
B.S., Presbyterian College; M.S., Appalachian State University

Patricia L. Jones, Professor of Education (2018)
B.A., University of North Carolina - Asheville; M.A., Ed.S., Tennessee Technological University;
Ed.D. Tennessee State University

Patrick D. Kiley, Professor of French (2008)
B.A., M.A., Marian College; Ph.D., Purdue University

Sharon E. Knight, Professor of Spanish and Director of the Quality Enhancement Plan (2007)
B.A., Columbia College; M.A., University of South Carolina; Ph.D., University of North Carolina at Chapel Hill

Justin E. Lance, Associate Professor of Political Science (2011)
B.A., Bethany College; M.A., Ph.D., The Ohio State University

Z. David Liu, Professor of Political Science (2008)
B.A., Foreign Affairs College at Beijing; M.A., Ph.D., State University of New York at Buffalo

Karen Mattison, Associate Professor of Economics and Business Administration (2016)
C.P.A., South Carolina, B.S., Clemson University, M.A., Auburn University

Erin S. McAdams, Associate Professor of Political Science (2012)
B.A., Allegheny College; M.A., Ph.D., Ohio State University

Julie M. Meadows, Associate Professor of Religion (2019)
B.A., St. John's College; M.Div., Earlham School of Religion; Ph.D., Emory University

Michael A. Nelson, Professor of History (2000)
B.A., Gustavus Adolphus College; M.A., Bowling Green State University; Ph.D., University of Arkansas

Olivia M. Nche, Assistant Professor of Computer Science (2021)
B.S., Anderson University; M.S, Northwestern University; Ph.D., Clemson University

Kirk J. Nolan, Professor of Religion (2009)
B.S.E., Princeton University; M.Div., Princeton Theological Seminary S.T.M., Andover Newton Theological
School; Ph.D., Princeton Theological Seminary

Walter R. Ott, Associate Professor of Chemistry (1998)
B.A., University of Central Florida; Ph.D., Emory University

Eli T. Owens, Associate Professor of Physics (2013)
B.S., West Virginia University; Ph.D., North Carolina State University

Ralph H. Paquin, Professor of Art (1998)
B.F.A., University of Massachusetts; M.F.A., Cranbrook Academy of Art

Philip Perdue, Assistant Professor of English and Communications (2019)
B.A., Western Washington University; M.A., Ph.D., Indiana University

Marharyta Petukh, Assistant Professor of Biology (2018)
B.S., M.S. Belarusian State University; Ph.D., Clemson University

A. Craig Powell, Professor of Chemistry (1991)
B.S., Presbyterian College; Ph.D., University of Tennessee at Knoxville

Donald R. Raber II, Professor of Political Science (2002)
B.A., Furman University; A.M., Ph.D., Harvard University

Miriam L. Ragland, Professor of Theatre Arts (2001)
B.A., Northwestern University; M.F.A., University of Memphis

Michael O. Rischbieter, Professor of Biology (1987)
B.S., University of Washington; M.S., Western Illinois University; Ph.D., University of South Carolina

Kara L. Shavo, Professor of Mathematics (2007)
B.Ed., University of Toledo; M.S., Michigan State University; Ph.D., University of South Carolina

Austin Y. Shull, Associate Professor of Biology (2016)
B.S., Presbyterian College, Ph.D., Medical College of Georgia at Augusta University

Lynne M. Simpson, Professor of English (1996)
B.A., Washington and Jefferson College; M.A., Ph.D., University of Massachusetts

Jerry K. Slice, Professor of Economics and Business Administration (1989)
B.S., Clemson University; M.S., Ph.D., Mississippi State University

Douglas L. Smith, Associate Professor of Education (2021)
B.S., Muskingum College, M.A., Ph.D., The Ohio State University

Suzanne J. Smith, Robert M. Vance Professor of Economics and Business Administration (1987)
B.S., Presbyterian College; B.E., Vanderbilt University; Ph.D., Clemson University

Brooke C. Spatta, Professor of Psychology (2007)
B.A., M.A., Ph.D., Florida Atlantic University

Robert E. Stutts, Professor of English (2001)
B.A., Francis Marion College; M.A., Clemson University; M.F.A., University of Southern Maine

Jaclyn A. Sumner, Associate Professor of History (2014)
B.S., Northwestern University; M.A., Ph.D., University of Chicago

Evelyn J. Swain, Associate Professor of Chemistry (2013)
A.S., Mercer County Community College; B.S., Rider University; Ph.D., Drexel University College of Medicine

Caleb J. Tatebe, Assistant Professor of Chemistry (2021)

B.S., M.S., Youngstown State University; Ph.D., Purdue University

Emily L. Taylor, Associate Professor of English, World Literatures (2012)

B.A., University of Northern Iowa; Ph.D., University of Oregon

Richard B. Thomas, Professor of Music (2007)

B.M., De Pauw University; M.M., University of North Texas; D.M.A., University of South Carolina

H. Dean Thompson, Jr., Mary Henry and de Saussure Davis Edmunds Professor of English (1988)

B.A., Wofford College; M.A., University of South Carolina; Ph.D., Vanderbilt University

James J. Thompson, Professor of Philosophy (2003)

A.B., Princeton University; M.Div., Union Theological Seminary; Ph.D., University of Chicago

J. Tobin Turner, Associate Professor of Economics and Business Administration (2010)

B.S., Presbyterian College; M.B.A., University of Stirling; Ph.D., Clemson University

Matthew P. vandenBerg, President and Professor of Education (2021)

B.A., Alma College; M.P.A., Indiana University; Ed.D., University of Pennsylvania

Craig A. Vondergeest, Professor of Religion (2005)

B.A., Concordia College; M.Div., Princeton Theological Seminary;

Ph.D., Union Theological Seminary and Presbyterian School of Christian Education

James A. Wanliss, Professor of Physics (2008)

B.S., University of Cape Town; M.S., University of the Witwatersrand; Ph.D., University of Alberta

James T. Wetzel, Pulaski L. Bealy Smith Professor of Biology (1990)

B.S., Point Park College; M.A., Sonoma State University; Ph.D., Clemson University

Stefan W. Wiecki, Professor of History (2008)

B.A., Freie Universitat Berlin; M.A., Ph.D., Brandeis University

Julia Wilkins, Associate Professor of Education (2014)

B.S., Swansea University; M.S., Bristol University; M.S., D'Youville College; M.Ed., Clemson University;

Ph.D., State University of New York at Buffalo

Ronald J.C. Zimmerman, Professor of Biology (1991)

B.A., Goshen College; Ph.D., Vanderbilt University

Officers and Faculty Emeriti

Daniel M. Adams, Director of Student Involvement (2012-2022)

B.S., Clemson University; M.Ed, Clemson University

Dorothy P. Brandt, Charles A. Dana Professor Emerita of Education (1967-1998)

B.S., Newberry College; M.Ed., Ph.D., University of Texas

Norman B. Bryan, Jr., Director of Institutional Research and Assessment (2007-2021)

B.S., Georgia State University; M.R.E., Southern Baptist Theological Seminary; M.S., Eastern Kentucky University; Ph.D., Georgia State University

Ronald D. Burnside, Marshall W. Brown Professor Emeritus of History (1963-1997)

B.A., Wabash College; M.A., Ph.D., Indiana University

Paul E. Campbell, Associate Professor Emeritus of Mathematics (1961-2007)

B.S., Furman University; M.S., Clemson University

Constance Colwell, Professor Emerita of German and French (1977-2011)

B.A., M.A., Middlebury College; Ph.D., Cornell University

Amy A. Davis, Director of Academic Success and Retention (2018-2022)

B.A., High Point University; M.S., Florida State University; Ed.S., Appalachian State University; Ed.D., Wingate University

Ron A. Davis, Professor Emeritus of Music (2004-2020)

B.M., Ouachita Baptist University; M.M., D.M.A., University of Kansas

Dawn D. Durham, Controller (2013-2022)

B.A., Converse College

Anita M. Dutrow, Associate Professor Emerita of Education(1998-2011)

B.S., M.Ed., Edinboro University; Ph.D., Virginia Polytechnic Institute and State University

Jane P. Ellis, Professor Emerita of Biology (1995-2011)

B.A., Erskine College; M.A., Appalachian State University; Ph.D., Clemson University

Barbara H. Fayad, Vice President for Human Resources and Title IX Emerita (2001-2020)

B.S., Newberry College

Mark O. Fox, Director of Admissions (2013-2022)

B.S., Presbyterian College

Jerry D. Frey, Professor Emeritus of Psychology (1982-2011)

B.A., Goshen College; M.A., Ph.D., University of Virginia

Robert H. Freymeyer, Professor Emeritus of Sociology (1984-2017)

B.A., Vanderbilt University; M.A., College of William and Mary; Ph.D., University of Cincinnati

M. Toulmin Gaines, IV, Charles A. Dana Professor Emeritus of Psychology (1974-2011)

B.A., University of Maryland; M.S., Ph.D., Florida State University

J. David Gillespie, Professor Emeritus of Political Science (1979-2006)
B.A., M.A., Wake Forest University; Ph.D., Kent State University

Anita Olson Gustafson, Professor Emerita of History (1997-2016) B.A., North Park College; M.A., Ph.D., Northwestern University

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