Sweet Briar’s Mission

Sweet Briar College prepares women (and at the graduate level, men as well) to be productive, responsible members of a world community. It focuses on personal and professional achievement through a customized educational program that combines the liberal arts, preparation for careers, and individual development. The faculty and staff guide students to become active learners, to reason clearly, to speak and write persuasively, and to lead with integrity. They do so by creating an educational environment that is both intense and supportive and where learning occurs in many different venues, including the classroom, the community, and the world.

Approved by the Board of Directors, May 2004

Statement of Purpose in Support of the Mission

Sweet Briar’s curriculum is organized on the premise that a foundation in the liberal arts enhances the development of critical and creative abilities, develops the ability to synthesize disparate information, equips the student for graduate and professional education, and encourages the individual to continue to learn long after leaving Sweet Briar.

A broadly based academic program teaches her to view her experience within wide contexts, to appreciate the achievements of the past, to understand the methods and major theories of science, to gain an appreciation of the arts, and to communicate with precision and cogency. At Sweet Briar this study takes place within a residential environment that encourages physical well-being, ethical awareness, sensitivity to others, responsibility for one’s actions, personal initiative, and the assumption of leadership.

A highly qualified faculty, committed to the highest standards of teaching, engages individuals on a human scale. In small classes, students receive the attention that encourages self-confidence and the improvement of skills for life and livelihood.
Sweet Briar continues its commitment as an independent undergraduate women’s college in order to devote its resources to the education of women in the full range of the liberal arts, including those subjects that have been traditionally considered as male domains. It welcomes men as well as women in selected graduate programs. The College continues to seek a diverse student body, which is drawn from a national and international pool of applicants.

The College

Sweet Briar College grants the Bachelor of Arts, Bachelor of Science, Bachelor of Fine Arts, Master of Arts in Teaching, and Master of Education. The College offers more than 35 programs of study as well as self-designed and interdisciplinary majors. Students create and learn with an exceptional faculty, almost all of whom hold the doctorate or the appropriate terminal degree. An 8:1 student/faculty ratio insures that classes are small and each student’s educational program is customized. Each academic year consists of two semesters. Students are guided in the pursuit of special interests, not only in academic coursework, but also through internships, research opportunities, summer fellowships, service experiences, and independent study. The College strongly encourages study abroad, at one of Sweet Briar’s distinguished programs or through another approved international program.

Sweet Briar is a residential community. Sweet Briar women have enough ideas and enthusiasm to support nearly 50 student-led and student-managed organizations—everything from art and musical groups to student publications and cultural awareness organizations. A strong leadership program helps students develop leadership skills. Many students take part in volunteer service projects during school terms and vacations, putting these skills to work.

Nearly 30 percent of Sweet Briar students play sports at the varsity level. The College is a member of the National Collegiate Athletic Association (NCAA) Division III and competes in the Old Dominion Athletic Conference (ODAC). The College’s Riding Program is recognized as one of the best collegiate programs in the nation.

Sweet Briar College offers cultural events including plays, concerts, theater, dance, and other presentations throughout the year, by students, faculty, and visiting artists, performers, and lecturers. These as well as sports events are open to the general public and, with rare exceptions, free of charge. The College’s art galleries and museum serve both as resources for the surrounding community and as laboratories for students in arts management and related fields. For information on current events go to our Web site.

The Campus

Sweet Briar’s intellectually and socially vibrant campus is a true community, home not only to students but also to approximately half of our faculty as well as many staff members. It is a living laboratory, which provides hands-on opportunities for exploration and discovery in nearly every discipline from the classics and anthropology to the sciences and engineering. History and archaeology students have a particularly rich setting in which to do research inasmuch as
The campus was a working plantation in the 18th and 19th centuries. The main campus buildings are nestled at the center of 3,250 acres of rolling hills and meadows in the foothills of Virginia’s Blue Ridge Mountains. The broad landscape includes two lakes, six nature sanctuaries, and an extensive network of walking, horseback riding, and hiking trails.

The campus, designed in the early part of the 20th century, is dominated by the architecture of Ralph Adams Cram, whose work is also seen at MIT, Princeton, Wellesley, Rice, and West Point. Twenty-one of Sweet Briar’s 30 campus buildings have been placed on the National Register of Historic Places. Within these historic buildings are housed impressive academic facilities. Our science laboratories contain some of the best instrumentation in the nation for liberal arts colleges.

The Mary Helen Cochran Library is the cornerstone of the College’s library services. The Junius P. Fishburn Music library, located in the Mary Reynolds Babcock Fine Arts building houses music materials. The Martin C. Shallenberger library in the Anne Gary Pannell building holds the Fanny B. Fletcher College Archives, the Fergus Reid Rare Book collections and the College’s book arts collection. Older journals, microform resources, and government resources are housed in the Wick Closed Stack facility. Together with Cochran, these resources provide students with one of the finest private college libraries in Virginia. The collections include over 250,000 volumes, 400,000 microforms; subscriptions to more than 1,000 current periodical titles; and 8,000 audio-visual materials. The library system also provides the College community with access to an enormous range of electronic databases and full text resources through the library Web page <www.library.sbc.edu>.

The 700-seat Murchison Lane Auditorium, located in the Babcock Fine Arts Center, is host to cultural and intellectual events from student dance and theatre productions to world-renowned speakers and the Babcock Season, which brings visiting performing artists, theatre troops, and music ensembles to campus.

Rotating art exhibitions are research-, studio-, and community-based and are presented in one of three galleries: Babcock, Benedict, and Pannell; the latter houses the Sweet Briar Collection and larger touring exhibitions.

Located in the Boxwood Alumnae House, the Sweet Briar Museum contains an excellent teaching collection of 18th-, 19th-, and 20th-century American decorative arts, including artifacts of the College’s founders and memorabilia from throughout the College’s history.

The Virginia Center for the Creative Arts (VCCA), the only artists’ retreat in the nation with direct ties to a college or university, is located adjacent to the Sweet Briar campus. Writers, visual artists, and composers working at the VCCA come to the College to teach in its interdisciplinary Bachelor of Fine Arts program, and to take part in campus life.

The Florence Elston Inn and Conference Center complex, located on campus, provides a 10,000 square foot state-of-the-art conference facility and an inn featuring 38 comfortable rooms.
The College is centrally located within the state of Virginia, 50 miles south of Charlottesville and 165 miles southwest of Washington, D.C., on U.S. 29.

A Brief History of Sweet Briar College

Sweet Briar College was founded in 1901, the legacy of Indiana Fletcher Williams, who left her entire estate to found an institution in memory of her only daughter, Daisy, who died at the age of 16 in 1884. At the time of Mrs. Williams’ death in 1900, her estate consisted of more than a million dollars, and over 8,000 acres of land, including the Sweet Briar Plantation. The first Board of Directors determined that the College should be free from denominational control and that it should maintain the highest academic standards. Sweet Briar would unite classical and modern ideals of education and, in the words of its founder, prepare young women “to be useful members of society.”

Sweet Briar College opened formally in September 1906 with 51 students, including 15 day students. Its A.B. degree, granted for the first time in 1910, was immediately recognized by graduate programs at leading universities. Three of Sweet Briar's first five graduates went on to pursue advanced degrees.

By 1921, Sweet Briar held membership in the Southern Association of Colleges and Secondary Schools, the American Association of University Women, and the American Council on Education, and was approved by the Association of American Universities. Its chapter of Phi Beta Kappa authorized in 1950, the Theta of Virginia, is one of fewer than 250 chapters nationwide. In 1952, Sweet Briar became a charter member of the Virginia Foundation for Independent Colleges (VFIC).

An early leader in international study, Sweet Briar established an exchange program with the University of St. Andrews, Scotland, in 1932. In 1948 it began its renowned Junior Year in France Program, to be followed in 1984 by a Junior Year in Spain Program in Seville.

In 1978, the Virginia Center for the Creative Arts opened to Fellows. The center is affiliated with Sweet Briar and located at Mount San Angelo, a nearby estate belonging to the College. Today, the VCCA is one of the foremost working retreats for artists in the world, and the only one with direct ties to a college or university.

In 1995, 21 of the College’s buildings were listed on the Virginia Landmarks Register and the National Register of Historic Places as a National Historic District.

Sweet Briar College celebrated its centennial in 2001, and moved vigorously into its second century both in terms of its physical facilities and educational programs. In 2002, the College completed a new quad around a Student Commons, a village green that links residence halls with student services, dining facilities, a bookshop and cafe, post office, and student organizations. In 2006, a new studio arts facility was opened. These new facilities exemplify
Sweet Briar’s commitment to an educational environment that is integrated, intentional, and rooted.

Sweet Briar’s leadership in student engagement is reflected in a new mission statement, adopted in 2004, refocusing the College on its first principles, but recognizing that in the 21st century, students who will become “useful members of society” must, as liberally educated women, be well equipped to move into professional life. The College inaugurated its first graduate programs, a Master of Arts in Teaching and a Master of Education, in 2004, and also that year, became only the second women’s college in the nation to offer a program in engineering.

Institutional Accreditation

Sweet Briar College is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award the Bachelor of Arts, Bachelor of Fine Arts, Bachelor of Science, Master of Arts in Teaching, and Master of Education. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of Sweet Briar College.

It is a member of the College Entrance Examination Board and a contributing member of the American School of Classical Studies at Athens.

Admissions

Sweet Briar College welcomes applications for admission from students of varied backgrounds, talents, interests, and experience who want to pursue an education in the liberal arts and sciences. The Admissions Committee selects applicants who present evidence of a strong academic foundation, scholastic ability and motivation, and strength of character.

Campus Visits

Prospective students are encouraged to visit the College for interviews and campus tours at any time during the year. While the College is in session, class visitation, appointments with faculty members and coaches, tours of campus, and an overnight stay in a residence hall with a current student may be arranged. The Admissions Office is open from 8:30 a.m. to 5 p.m., Monday through Friday throughout the year and on Saturday mornings (by appointment) from opening week in September until Commencement in May.

Special open house weekends for prospective students are held several times during the year. For information about visiting campus, contact the Admissions Office at (434) 381-6142, toll free (800) 381-6142, or via email, admissions@sbc.edu. A listing of Open House dates is available online.
In addition, Admission Counselors will visit high schools and attend college fair programs around the country and young women interested in Sweet Briar may make arrangements through their high school guidance office or college counselor to talk with a Sweet Briar representative in her area. Opportunities to meet alumnae of the College can also be arranged by contacting the Admissions Office.

**Admission to the First-Year Class**
Sweet Briar seeks talented women who are motivated, enthusiastic about learning, and want to take an active part in their education. The Admissions Committee looks for qualities such as independent thinking, ethical principles, assertiveness, initiative, and an appreciation of diversity. Requirements normally include a minimum of 4 units in English, 3 in mathematics, 3 in social studies, 2 sequential years in a foreign language, and 3 units in science, as well as additional units in these subjects to total 16. Most candidates have 20 such academic units. Special attention is given to the difficulty of the applicant’s curriculum (including the number of Advanced Placement (AP) or International Baccalaureate (IB) courses), her performance in her academic courses, and the school attended; scores on the SAT I or on the ACT are required. An interview at the College is strongly encouraged but not required.

A suggested curriculum is provided to aid candidates for admission to Sweet Briar and other selective colleges.

The Admissions Office is glad to advise prospective students about their high school or community college programs, especially if they have questions about course choices.

Sweet Briar College accepts the General Education Diploma (GED) in lieu of a high school diploma for first-year, transfer, and Turning Point students who have met the course requirements for admission. Individuals with a GED are urged to contact the Admissions Office early in their application process.

The Admissions Committee begins to evaluate completed applications for admission as early as September, and letters of acceptance are mailed on a rolling basis as applications become complete and decisions are made. The College maintains an application deadline of February 1, and to receive the fullest consideration applications should be submitted by the application deadline. All offers of admission are contingent upon the candidate successfully graduating from high school (or achieving the GED), and students who have paid an enrollment deposit are required to submit a final high school transcript that includes a date of graduation.

Sweet Briar College adheres to the National Candidates’ Reply Date Agreement, which allows students until May 1 to indicate their intention to enroll.

**Test Schedule**
PSAT: 10th or 11th Grade (Fall)
SAT I or ACT: 11th Grade (Spring) 12th Grade (Fall)
Suggested College Preparatory Curriculum for High School Students

**9th Grade**
English  
Foreign Language  
Mathematics: Algebra I/Geometry (Students who can take Algebra I in the 8th grade are encouraged to proceed through to Calculus in the 12th grade)  
Science: Earth Science, Introduction to Physical Science or Biology  
Social Studies: Geography or World History

**10th Grade**
English  
Foreign Language  
Mathematics: Geometry/Algebra II  
Science: Biology or Chemistry  
Social Studies: World History

**11th Grade**
English  
Foreign Language  
Mathematics: Algebra II, Pre-Calculus  
Science: Chemistry or Biology II  
Social Studies: U.S. History

**12th Grade**
English  
Foreign Language  
Mathematics: Pre-Calculus, Trigonometry, Functions, Analytical Geometry, or Calculus  
Science: Physics or Chemistry II  
Social Studies: Government or European History

Note: Students are encouraged to opt for Advanced Placement, Honors, or International Baccalaureate courses where appropriate.

**Application Credentials**
Application for admission should be made on an application form supplied by Sweet Briar College and accompanied by the non-refundable application fee. The College also accepts the Common Application (paper or online) or the online application.

The following credentials are required:

a) Application form, including a required application essay.  
b) School records. Official transcripts of all academic work completed to date. Sweet Briar College accepts the General Education Diploma (GED) in lieu of a high school diploma for first-
year, transfer, and Turning Point adult students. Individuals with a GED are encouraged to contact the Admissions Office early in their application process.

c) A recommendation of character and academic promise from the high school college counselor, including information about the candidate’s interests, attitudes, and activities as a member of the school community.

d) A recommendation from a teacher in an academic subject taken during or after 11th grade.

e) SAT I or ACT standardized test results. All applicants for the first-year class must take the SAT I or the ACT before an application can be evaluated. Sweet Briar requires that students contact the appropriate testing agency and have official scores submitted directly to the College. Sweet Briar’s SAT CEEB code is 5634, and the ACT code is 4406.

Students who are accepted to Sweet Briar must reply to the College by May 1. An enrollment deposit of $500 is required at that time for those who intend to matriculate at Sweet Briar.

**Homeschooled Students**

Homeschooled students applying for admission to Sweet Briar should submit the application for admission with all required credentials. A campus visit and interview with an admission counselor is recommended.

**Transfer Students**

Sweet Briar welcomes applications from qualified students who wish to enter with advanced standing from other colleges or universities. Candidates should fulfill the requirements for admission to the first-year class, including the SAT I or the ACT, and it is recommended that they have completed at least one full year of successful college work. In addition to the application form, students wishing to apply for admission as a transfer student should present the following credentials:

a) An official transcript of secondary school records. Sweet Briar College accepts the General Education Diploma (GED) in lieu of a high school diploma (see Other Admissions below).

b) An official transcript of record from each college attended.

c) An official copy of all standardized test scores taken in the high school years.

d) A catalog showing descriptions of the courses taken in college.

e) A recommendation from the Dean or other official of the college on a form to be supplied by Sweet Briar.

f) A recommendation from an academic professor who has taught the candidate.

g) A statement explaining why the applicant wishes to transfer, and why the applicant is interested in Sweet Briar.

The application deadline for fall entrance is July 1 and for spring entrance is November 1. An interview and campus visit are strongly encouraged. Admission decisions are made for transfer applicants on a rolling basis and notification of the admission decision is sent to the applicant shortly after all credentials are complete.
Students who transfer to Sweet Briar from colleges accredited by their regional associations will receive tentative credit for courses in which a grade of “C-” or better has been obtained and which satisfy the aims of liberal arts courses as interpreted at Sweet Briar College. Not more than 60 credit hours from another institution will be allowed toward the 120 credit hours required for the Sweet Briar degree. Courses offered to satisfy general education requirements must conform in content to courses given at Sweet Briar.

Neither academic credit nor placement are awarded for the College Level Examination Program (CLEP), experiential learning, or Armed Services experience.

**International Students**

Sweet Briar is committed to the recruitment of international students who are interested in obtaining the Bachelor of Arts, Bachelor of Science, or Bachelor of Fine Arts degree in the United States.

International students are required to submit the following credentials:

a) A completed Sweet Briar College application or the Common Application, including the required application essay.

b) Test of English as a Foreign Language (TOEFL) score results, SAT I or ACT standardized test score results, or IELTS (International English Language Testing System) scores.

c) Official copies of high school (or equivalent) transcripts.

d) Recommendations from two school officials (at least one from a teacher) that attest to the student’s ability and readiness to be successful in an American college.

e) International Student Financial Aid Application.

For the International Student application, as well as for information about course offerings and fees, contact the Admissions Office via email, admissions@sbc.edu or on the website.

After a student has been accepted to the College, advanced-standing credit will be determined through an evaluation coordinated through the Registrar’s Office. There is a fee for this service.

Please note that Sweet Briar College does not offer need-based financial aid to international students. A limited number of academic scholarships are available to qualified first-year students.

I-20 forms will not be mailed until a student’s International Student Financial Aid Application information has been verified.
Appealing an Admission Decision
Students who wish to appeal an admission decision made by the Admissions Committee may do so by submitting to the Dean of Admissions a written letter of appeal that includes additional documentation not available at the time of the original decision (updated grades, new standardized test score results, additional recommendations, etc.). The Dean of Admissions will work with the Admissions Committee to review the validity of the appeal and to review the original admission decision with the new information. The student will be notified of all decisions made by the Admissions Committee.

Non-Residential Students
Sweet Briar values the enhanced educational experience that living on campus provides for students to live and learn together.

The College also recognizes that not all students can or desire to live on campus. Students who choose to enroll at Sweet Briar and have a home address within the following areas may live off-campus and still participate fully in the College as non-residential students: Albemarle County, Amherst County, Appomattox County, Bedford City, Bedford County, Buckingham County, Buena Vista City, Campbell County, Charlottesville City, Lexington City, Lynchburg City, Nelson County, and Rockbridge County.

Students with a home address outside of the above-listed areas who wish to enroll at Sweet Briar and be a non-residential student are encouraged to contact the Admissions Office (434.381.6142) or the Office of Co-Curricular Life (434.381.6134) for more information. Students who turn 23 years of age prior to the semester of their enrollment are permitted to reside off campus upon approval of a written request to the Vice President/Dean of Co-Curricular Life.

Other Admissions
Early Admission — Candidates who wish to graduate early from secondary school will be considered for admission as long as they have completed the minimum course requirements for admission to the first-year class. They should present evidence of unusual academic performance and maturity, and must interview with an admission counselor.

Part-time Students — Part-time students are welcomed at Sweet Briar. The fee for a course taken for academic credit, and for which the College will provide a record and grade report, will be based on the tuition charge to full-time students. For information on course offerings and fees, contact the Registrar’s Office.

The Turning Point Program — Sweet Briar is committed to helping women of nontraditional college age begin or continue their college educations. The Turning Point Program is a flexible, non-residential program established for the mature returning student. Women who are at least 23 years of age or who have been out of formal education for at least four years are eligible for
admission. A student may elect to enroll in the program either full- or part-time. Credits previously earned at an accredited institution may be transferred. For an application, as well as for information on fees, scholarships, and financial aid, contact the Admissions Office.

**Fifth-Year Plan** — Any alumna of Sweet Briar is eligible to enroll for a fifth year of study at the undergraduate level. Some alumnae use this opportunity to take additional course work to help prepare for graduate or professional study. Alumnae who wish to pursue this opportunity may contact the Financial Aid Office to determine if they are eligible for any aid. The student may live on campus if housing is available and will be charged the standard rate for room and board. Applications may be obtained from the Office of the Dean. This offer does not apply to the graduate programs.

**Students with Disabilities**
Sweet Briar College complies with Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act and accepts students with documented disabilities who can successfully pursue the College’s academic program. Sweet Briar recognizes its responsibility to provide individuals with disabilities with equivalent access while maintaining the standards that are essential to the academic program. Reasonable accommodations are assessed and made on an individual basis.

Admission to Sweet Briar College is based on the requirements outlined in this catalog. Sweet Briar does not discriminate on the basis of disability in the admissions process. If an applicant believes that an accommodated admission review is warranted, the applicant must initiate the process (by law, the Admissions Office cannot address a disability unless the applicant is self-identified). The applicant must submit a written request for an accommodated admissions review to the Dean of Admissions and enclose with that request the appropriate documentation. The request will be evaluated by the Dean of the College or other college official as appropriate, who will forward a recommendation to the Dean of Admissions for inclusion in the admissions review process.

**Alumnae Admissions Representatives**
Many Sweet Briar alumnae across the country, who serve as Alumnae Admissions Representatives (AARs), stand ready to answer any questions prospective students may have about the College. In addition, AARs are trained to conduct interviews in their local area if students are unable to arrange a visit to the campus.
Financial Aid

The student and her family are expected to pay for Sweet Briar’s cost of attendance to the extent they are able. If the family demonstrates that it lacks the financial resources to do so, the student becomes eligible to receive need-based financial assistance.

The student demonstrates her eligibility for assistance through an application process in which she and her family submit documents detailing their financial income and assets. Sweet Briar applies the Federal Methodology need analysis formula to this financial information to calculate the family’s ability to pay the College’s full cost of attendance. The dollar amount calculated is determined to be the expected family contribution. If that amount is less than Sweet Briar’s cost of attendance, the difference is called financial need, and the College offers the student an award package to help make up the difference.

The student receives an award letter which specifies the total amount and the individual sources of assistance, and any follow-up action the student must take to have the assistance credited on her tuition account.

The Award Package
The award usually consists of grant, loan, and job money. Grant money is not repaid, loan money must be repaid, and job money is received in the form of a monthly paycheck for work which the student performs in the campus job to which she is assigned.

If the student is the recipient of an academic scholarship from the College or a scholarship or grant from outside the College, that must be considered part of her financial award. Also, if she obtains additional grant money from a source outside the College after she has received her award, her award must be reviewed and, if appropriate, adjusted to ensure that her package does not exceed her need.

The loan and job portions of the award are optional—the College does not require the student to accept either—but if the student declines either or both, she and her family are responsible for finding the additional funds to make up the difference.

Grants that may be part of the financial assistance award include the Federal Pell Grant, the Federal Supplemental Educational Opportunity Grant, the Virginia Tuition Assistance Grant, the Virginia College Scholarship Assistance Program Grant, the Pennsylvania Higher Education Assistance Authority Grant, the Vermont State Grant, grants provided under the auspices of the Virginia Foundation for Independent Colleges, Sweet Briar College Grants, and private scholarships or grants, which the student obtains on her own initiative.

Loans that may be part of the financial assistance award include the Federal Perkins Loan, the Federal Direct Ford Loan, the Federal Direct Unsubsidized Ford Loan, the Sweet Briar College Loan, and the Mary and Lee Ashcraft Loan.
Funding for the student’s campus job may be derived from the Federal Work Study Program or from Sweet Briar funds. The typical job award is $1,000, and to earn that amount during the course of the school year the student works approximately six hours per week at the federal minimum hourly wage.

**Eligibility Restrictions**
Only U.S. citizens or permanent residents are eligible to receive federal or Sweet Briar need-based assistance.

The use of Sweet Briar College grants and merit scholarships is restricted to the College’s Junior Year in France (JYF), Junior Year in Spain (JYS), Washington Semester (American University), St. Andrews Exchange, the Heidelberg Exchange in Germany, and on-campus study programs. The student must have a cumulative grade point average of at least 3.0 to use Sweet Briar funds for JYF, JYS, St. Andrews, and Heidelberg study.

**Application Procedures**
The application process for need-based assistance is an annual one. To be considered for need-based assistance for the 2015-2016 school year, the student must submit information about her family’s income and assets on the 2015-2016 Free Application for Federal Student Aid (FAFSA). She also must provide signed photocopies of her and her family’s 2014 IRS 1040s and W-2s, as well as any other documents specified by the Financial Aid Office.

**Application Deadlines**
Application deadlines in effect for the 2015-2016 school year for regular decision applicants for admission, February 15, 2015; and for currently enrolled students who have received need-based assistance in the 2013-2014 school year, May 15, 2015.

**General Information**
Students or family members who have questions about eligibility for need-based assistance or who wish to have information regarding the College’s tuition payment plans should contact the Financial Aid Office (financialaid@sbc.edu).

**The Virginia Tuition Assistance Grant**
The Virginia Tuition Assistance Grant (VTAG) was instituted by the General Assembly of the Commonwealth in 1972 to help reduce the difference in the cost of tuition between Virginia’s public and private colleges. Any student who is a legal resident of Virginia and attends a Virginia private college as a full-time, degree-seeking student is eligible to receive the VTAG, regardless of eligibility for need aid. The State Council of Higher Education for Virginia (SCHEV) estimates that the amount of the 2014-2015 VTAG will be $3,100; the actual amount is dependent on funds appropriated by the Virginia General Assembly and therefore may be less than this. Applications are available at the Financial Aid Office or through SCHEV, <www.schev.edu>.
Sweet Briar College Virginia Grant
Sweet Briar College offers a $7,500 grant to undergraduate students entering in the 2014-2015 academic year who are legal residents of the Commonwealth of Virginia and eligible for the VTAG. In addition, these students will be considered for need-based assistance and additional merit scholarship assistance, depending on their eligibility. However, for those Virginia residents who also qualify for one of Sweet Briar’s merit scholarships, the Sweet Briar College Virginia Grant becomes part of that total scholarship award. To be eligible for the Sweet Briar College Virginia Grant, students must be enrolled at Sweet Briar as full-time, undergraduate degree-seeking students.

Academic Scholarships
Sweet Briar College is pleased to be able to recognize excellence in all its forms. The College values students of extraordinary overall academic achievement, along with those who have developed special competence in the areas of art, natural science, music, humanities, or social sciences. Sweet Briar also seeks students who have shown superior involvement in school and community activities.

Named scholarship funds—Prothro, Founders, Commonwealth, Betty Bean Black, Sweet Briar, and Fletcher—are made possible by gifts provided by generous alumnae and friends of the College. Such philanthropy has made it possible for Sweet Briar to rank among the highest in the nation in the amount of endowment per student.

If a student wishes to be considered for an academic award, her Application for Admission and all supporting credentials must be completed by February 1. She will automatically become a scholarship candidate; there is no separate application.

Questions regarding scholarships should be directed to the Admissions Office.

College Fees, 2014-15
Sweet Briar College has an endowment of approximately $93 million, the income from which supplements the student fees to meet the College’s operating costs. Additional financial support continues to be provided by gifts from alumnae and friends of Sweet Briar. Below are links to the contents of this section.

Payment of Tuition, Room, Board, Fees, and Other Costs and Charges
All amounts due for tuition, room, board, fees and other costs and charges must be paid as and when due, and each student is responsible for timely payment. All statements are mailed to the student’s home address. Student accounts can also be viewed online. The College also holds the parents and/or guardians of the student responsible for the full and prompt payment of all tuition, room, board, fees, and other costs and charges, jointly and severally with the student. Arrangements for borrowing funds are between the student and/or
parents/guardians and the lending institutions. Any amounts not paid to the College by lending institutions or third parties on the due date must be remitted by the student and/or parents/guardians on the scheduled dates. You are urged to make any necessary financial arrangements well in advance of the dates on which amounts are due the College.

No student will be permitted to attend the College unless her tuition, room, board, and fees are paid in advance. All financial obligations for tuition, room, board, fees, and other costs and charges of a student to all departments or enterprises of the College must be satisfied in full before she will be permitted to receive transcripts, to receive a diploma, or register for or enter classes in any succeeding term. The College reserves the right to change its tuition, room, board, fees, and other costs and charges at the end of any term. This Catalog statement is considered sufficient notice of the time and terms of payment. Statements are sent, however, as reminders, for the convenience of students before each payment is due.

**Schedule of Payments**

**Resident Student Fees**
- Tuition .....$34,460
- Room and board .....$12,160 (Single room and Green Village additional.)
- Facility fee .....$200

**Payments Due**

**Reservation fee .....$500**
This non-refundable fee will be credited on the first-term fees and is due on May 1 for new first-year students, and later per notice for new advanced-standing students.

**Re-enrollment fee .....$200**
This fee will be credited on the first-term fees and is refundable only if the student is declared by the Committee on Eligibility to be academically ineligible to return. It is due March 15 for returning students.

Due by August 1 .....$23,410
Due by January 2 .....$23,410

**Day Student Fees**

Tuition (full academic year) .....$34,460
Facility fee .....$200
Reservation fee .....$50
Fall term due by August 1 .....$17,230
Spring term due by January 5 .....$17,230

**Part-Time Student Fees**

Regular part-time .....$960 per credit hour
Amherst County High School honors students .....$307 per course
Amherst County teachers .....$307 per credit hour
**Auditing Fees***
Age 64 or younger .....$73 per credit hour  
Age 65 or older .....$37 per credit hour

**Summer Credit Fees***
Independent studies .....$250 per credit hour

**Overload Fee***
Overload fee .....$450 per credit hour

* Fees are paid at the time of registration. Our semester fees are based upon each student taking an average of 15 hours for credit per semester. However, the student may take as many as 19 credits with no additional fee. Any credits in excess of 19 will be billed at $450 per credit hour. These fees will be added in the third week of classes and will be due upon receipt of the next statement.

**Payment of Amounts Due**
All amounts due must be paid promptly at the times specified. Checks should be made payable to Sweet Briar College and sent to the Business Office.

**Refund Policy**
Students are enrolled at Sweet Briar College for the full academic session. However their tuition will be billed on a semester basis.

Students who withdraw before a semester begins will be given a full refund of all tuition, room, and board charges less the room reservation deposit. The withdrawal date is established by the date of receipt by the Dean of the College of written notice of intent to withdraw. For purposes of calculating refunds, a school week is defined as beginning on Monday and ending on the following Sunday. All refund calculations take into account any charges that are unpaid at the time. Charges for student health insurance, tuition refund insurance, student life fee, applied music fee, special fees, and riding program fees are not included in the refund policy calculations. Refund requests must be made in writing to the College Business Office.

If withdrawal occurs
- Within the first or second week of a semester: **90% reduction of tuition**, room, and board  
- Within the third or fourth week of a semester: **50% reduction of tuition**, room, and board  
- Within the fifth to eighth week of a semester: **25% reduction of tuition**, room, and board  
- After the eighth week of the semester: **no reduction of fees**.

Federal law requires the return of unearned federal aid funds to their respective programs when a student withdraws from the College before completing 60 percent of any semester for which she received such aid. “Unearned” funds mean the amount that would have been used to cover the student’s charges for the portion of the semester she was not enrolled, according to a federally prescribed formula. If, as a result of the return of these funds, an unpaid balance is left
on the student’s bill, she or her family is responsible for paying it. No refund will be given to any student who is suspended or expelled from the College for disciplinary reasons.

**Tuition Refund Insurance**
The College has made available tuition refund insurance through A.W.G. Dewar, Inc. of Boston. This insurance is optional. However, a waiver card must be returned indicating choice. Contact the Business Office for details.

**Applied Music Fee**
Music Department facilities for practice are available for use by students registered for credit or non-credit music courses in the Department of Music and students preparing applied music placement auditions or other departmental auditions (with permission of the Music Department). An applied music fee of $450 per semester per class will be charged to the student.

**Books and Academic Supplies**
These may be purchased at the Book Shop. The cost for any year will vary with the courses elected but in general ranges up to $500.

**Health Center**
The student will be charged for any laboratory studies or medications ordered.

**Student Life Fund**
This charge covers the annual dues of various student organizations and supports other student enterprises. By vote of the student body, a fee of $275 is paid annually by every resident student. Non-resident students pay $225. This fee will be billed on the tuition statement, and is due August 1.

**Room Damage Deposit**
Each student must make a room damage deposit of $75 by August 1. This deposit will be used to pay for any damage to College property beyond normal wear and tear, and for violations of room decorating regulations. If there are no damages or violations of decorating regulations and the room is left in the same clean condition as when it was first occupied, the room deposit will be refunded.

**Vehicle Registration**
Non-residential, residential, and day students with vehicles on campus are assessed a registration (parking) fee for the academic year:

Parking permit .....$100

**Late Payment Charge**
Fees, charges, and account balances for monies owed the College for which no specific due date is mentioned in this policy statement shall be due and payable within 30 days after the date of billing by the College. A late payment fee of 1.5 percent per month will be charged on the unpaid balance of any amounts not received by the due dates indicated in this policy statement.
Payment Plans
As a convenience to our parents and guardians, Sweet Briar has arranged with Key Education Resource to handle requests for deferred payment under their plans. In addition, the College has instituted two installment payment plans that allow payments of the comprehensive fee in equal installments over the academic year. These plans are with the Tuition Management Systems (800-356-8329) and Tuition Pay (800-635-0120).

Riding Program Fees
Students who elect to participate in the Riding Program may purchase blocks of rides on College-owned horses for which there is a charge by the term. The blocks of rides offer the student an option as to the number of rides taken per week. Each block includes two lessons per week with the remaining rides taken independently. Entry-level riders may participate by taking RDPR 162, a quarter course. This course includes eight rides with instruction for an administrative fee of $100.
A student may receive permission to bring her own horse to Sweet Briar if she agrees to support the program’s rules and regulations, if she demonstrates adequate riding ability, and if the horse is found to be suited to the program. Application forms for this purpose may be obtained from the Riding Program webpage. The College does reserve the right to refuse to accept or continue to keep in the stable any privately owned horse. Rates for horse usage and private horse board are as follows:

Rides and fees per semester*
28 .....$560
30 .....$610
40 .....$660
50 .....$1110
60 .....$1360
70 .....$1610

- Rides in excess of the above contracted rates are $25 per ride.

Board for privately owned horses*
Board .....$900 per month
*Shoeing and Veterinary service is not included.

Responsibility for Property
Students are responsible for any damage to College property, beyond normal wear and tear, and an assessment in the amount of $5 or the cost of repair, whichever is greater, will be charged against the $75 room deposit. Although Sweet Briar endeavors to protect the property of its students in the same manner as its own, it will not be responsible for the loss or damage of any personal property of any student.
Student Life and Athletics

Sweet Briar College blurs the distinction between formal classroom learning and student life. From serving on a judiciary committee, to hiking the Blue Ridge Mountains, to having a campus job, many of the experiences students engage in outside the classroom complement their academic pursuits and broaden their understanding of the world in general. Because these experiences enhance the curriculum, they are called co-curricular experiences and grouped under the heading of Co-Curricular Life.

At Sweet Briar, curricular and co-curricular programs work together to further the educational mission of the College. Students are given opportunities to connect classroom learning with student life, as well as to contribute to a diverse campus community through participation in social, cultural, and recreational activities. Students are also encouraged to test their knowledge and skills in off-campus internships, volunteer activities, and outdoor adventure programs. Academic life, involvement in sports and recreation, and participation in a rich variety of co-curricular opportunities are all parts of the Sweet Briar experience.

Sweet Briar College is an outstanding setting for an active lifestyle balanced with moments of quiet and contemplation. The College campus covers 3,250 acres and includes woodlands, nature sanctuaries, farmland, lakes, a mountain outing cabin, the Rogers Riding Center, recreational facilities, and trails for hikers, bicycles, and horses.

Co-Curricular Life

Through participation in co-curricular opportunities, students gain both self-knowledge and a greater sense of personal and social responsibility. They are challenged to assume positions of leadership in student government, peer judicial boards, clubs and organizations, and athletics. Volunteer opportunities are available to community members.

The Division of Co-Curricular Life encourages student creativity and the generation of new ideas. Staff members work closely with individual students, faculty, staff, as well as clubs, organizations, and groups to create innovative and engaging programs, including events that offer nothing more than fun and relaxation.

The Division of Co-Curricular Life consists of the following areas: Career Services, Chaplain's office, First Year and Sophomore Student Programs, Health Center and Counseling Services, Leadership Programs, Outdoor Programs, Residence Life, and Student Involvement and Programs.

Orientation

Orientation is the first step in a new student’s collegiate career. This program is designed to familiarize new students with the Sweet Briar campus. In addition, New Student Orientation is designed to help students become comfortable with one another as roommates, classmates, and members of the Sweet Briar community.
During this time, students meet with academic advisors, learn the ins and outs of campus life, how to use the computer network, how to navigate the library, and gain an understanding of the Honor Code. In one Orientation activity, Learning on the Land, students participate in a experiential education session that examines the Sweet Briar environment from different perspectives including anthropology, art, ecology, sustainability, history, horticulture and music. These sessions are created and taught by faculty, administrators and staff members with a goal of combining learning, recreation, and service. Session topics and instructors vary from year to year. This outdoor component of New Student Orientation also helps make new students aware of these natural and recreational resources.

Students also become acquainted with the many services, resources, and opportunities offered at the College.

**Residence Life**

Sweet Briar is a residential college and the student residences provide a unique opportunity for students to learn, live and grow in a dynamic and diverse community. Residential living offers students more than just a room; it is a vital component of a total educational experience. Living in a residence hall or apartment gives students the opportunity to establish meaningful relationships, to develop self-discipline, and become responsible members of the community. The community includes all students, both those who live on campus and those who enroll as non-residential and Turning Point students.

The College provides housing for students in eight different facilities. In addition to single- and double-occupancy rooms, there are a number of triple and quad suites that include a common living area, as well as apartment style living.

The Office of Residence Life employs professional staff, most who live in the residence halls or on campus live-in staff members who help to create and maintain community within student residence areas. These staff members have a high degree of visibility and serve as resources for students:

- **Resident Coordinators (RCs)** are part-time professionals who live in the residence halls and support the work of the RA’s. They also serve on-call after hours duty, including weekends. These staff members are selected for their expertise and interest in counseling, conflict mediation and community development.

- **Resident Advisors (RA’s)** are the student members of the Residence Life staff who live and work with new students and serve as Orientation leaders and as community resources. They also live and work with upper class women to help educate and empower fellow students. RA’s assist the College in its overall operation of the Residence Life program and work collaboratively to provide balance, support and fun to the residential community.
Career Services
The comprehensive career services program is available to all students and alumnae. It is based on the premise that career planning for women is highly individual and lifelong. The Career Services staff helps students formulate their plans for careers, future study, or both.

Permanent credential files for graduates are maintained and pertinent information is forwarded to prospective employers and graduate schools for all seniors and alumnae who register for this service. Students are encouraged to consult Career Services early and often. The formal program begins in the fall semester of a student’s first year at Sweet Briar.

A four-year plan introduces students to the concept of career services:
- **First Year students engage in Self-Assessment.** Students can take inventory tests that provide insightful information regarding career preferences and technical strengths. They are encouraged to begin exploring career fields of interest. Through carefully planned workshops, students take the first steps toward establishing career goals and constructing effective résumés.

- **Second Year students conduct Exploration.** Students continue to explore career fields of interest, attend advanced workshops on such topics as developing résumés and cover letters, interviewing, and networking. Students may also participate in internship opportunities or explore career fields through work experiences.

- **Third Year students focus more directly on their Experiences.** Students are expected to participate in either focused career research or begin preparing for graduate school. Interviewing and job searching techniques are enhanced while students continue to work on these areas. Internship opportunities consisting of on- and off-campus employment are emphasized. Students receive assistance with graduate and professional school entrance exams, applications and interviews.

- **Fourth Year students focus on Lifetime Applications of Skills and Interests.** These students are assisted in the formal aspects of job searching. Information gathered over their previous three years—inventory tests, internship experiences, résumés, and other experiences—provide the documented references seniors need to prepare for job fairs and interviews. Sweet Briar participates in major job-search opportunities such as field/major specific career events, campus interviews, and the annual CHALLENGE job fair. Through mock interviews and transition to the world of work programs, Sweet Briar students are provided with many opportunities to manage the transition from college to careers.

Health and Counseling Services
Health and Counseling Services provide comprehensive primary care with an emphasis on women's health. The staff offers general ambulatory medical care, gynecological services, and other health-related practices.
The Health Center is staffed by a nurse practitioner, RN, and a medical office manager. The center contracts with a local family-practice physician for on-site visits and consultation. A licensed mental health professional offers counseling and assistance to students with personal, family, social, or educational concerns. An additional agreement with a psychiatrist provides consultation services and care. Student leaders, known as SweetPEAs, promote wellness and healthy lifestyle choices through a range of programs.

All services are confidential. Health and Counseling Services offices are open Monday through Friday during normal college business hours. After-hours emergencies are handled by trained campus safety officers, residence hall staff, and the Amherst Rescue Squad.

The Outdoor Program
The Sweet Briar Outdoor Program (SWEBOP) provides outdoor recreational activities and adventures that foster personal growth, leadership, and environmental responsibility. SWEBOP’s popular series of outdoor programs include backpacking and hiking, rock climbing, caving, whitewater rafting, kayaking, and a variety of other activities. These adventures are available to students at all skill levels.

Students are given additional opportunities to become outdoor instructors who build group dynamics, communication and leadership skills. They are also trained in the technical aspects needed for each adventure program.

Student Leadership
Sweet Briar student leadership programs encourage new students to become campus leaders, enable returning leaders to enhance their skills, and prepare all students for leadership positions within their areas of interest.

Leadership Certificate Program
Sweet Briar College’s Leadership Certificate Program prepares women to become responsible and influential members of a global community. Through an intense and supportive educational environment, students are empowered to learn to lead with integrity, honor, and commitment. They do so by integrating the knowledge offered to them through the College’s strong liberal arts curriculum, diverse experiences both on and off campus, and the development of individual and team building skills. Together, these experiences will provide them a strong foundation on which to build as they become leaders in their chosen endeavors while students at Sweet Briar as well as after graduation and throughout their lives.

The Leadership Certificate Program is a program that:

- Combines academic and experiential learning which encourages an understanding of the theory and foundations of leadership;
- Fosters personal development such as communication skills, time management, and ethical decision making;
- Provides for the acquisition of the organizational skills necessary to work well with others and to motivate groups to work toward a common goal.
The Annual Student Leadership Conference is a one-day conference planned and hosted by students in the Leadership Certificate Program, and open to all students. This event is held in the Florence Elston Inn and Conference Center on campus each spring and features a keynote speaker and a variety of professional level workshops and sessions.

Additionally, many opportunities for leadership are available in various program areas, campus leadership positions in Student Government and clubs, through Civic Engagement and Volunteerism, and through participation in both Who’s Who Among American Colleges & Universities, and the National Leadership Honor Society, Omicron Delta Kappa.

Volunteerism
Whatever the interest, whatever the need, Sweet Briar staff are willing to help students become involved with a volunteer project or civic engagement opportunity. Information regarding resources is available through the Chaplain’s Office.

Student Involvement and Programs
The office of Student Involvement and Programs promotes engagement in social, cultural, academic and wellness activities which enhance the classroom experience and helps students to create rich and interesting lives on and off campus. Students are encouraged to design and produce a variety of events including social events and parties, concerts, comedy nights, game nights, poetry readings, athletic activities, and more. Funding is available to support student initiatives.

Campus Events Organization
Student events are developed and produced by the student-run Campus Events Organization (CEO) with guidance from the Director of Student Involvement and Programs. Funded by the student activity fee, CEO provides a range of programming: comedy, novelty, main stage concerts, solo performers, cultural enrichment and wellness.

CEO also supports Sweet Briar’s belief in the importance of experiential learning. Students gain training and experience in event planning and management, finances, publicity, time management, organizational behavior, and advertising. These opportunities are personally enriching and have the potential to lead to internships and career employment.

Student Organizations
Among the advantages of a women’s college are the unlimited opportunities for students to participate and assume leadership roles in many types of organizations and activities. At Sweet Briar, students are urged to actively engage in existing co-curricular and departmental offerings. They are also encouraged to establish groups and clubs if existing offerings do not correspond to their interests. Examples of organizations initiated by students include Environmental Club, Model UN, Business Club, Christian Fellowship, Amnesty International and the Cooking Club. Campus organizations are funded through the Student Life Fund and are part of the Inter-Club Council. In addition, Student Involvement and Programs offers specialized training, resources,
and professional development activities to student organizations and their advisors throughout the academic year.

**Media**

Students are welcome to join the staff of the student publications. Red Clay, the College literary magazine, publishes student poetry, stories, photography, and artwork. *The Sweet Briar Voice*, the College newspaper, and *The Briar Patch*, the College yearbook, are published in the spring.

Students interested in broadcasting can take part in writing, producing, and announcing documentary or entertainment programming for the College’s student-run radio station. The opinions expressed in any Sweet Briar College publication or other forms of media are not necessarily those of the students, faculty, staff or administration. Therefore, Sweet Briar College is not responsible for its content. Editorials represent the opinion(s) of the editor(s).

**Late Night Programs**

The Student Activities Representatives in the Office of Student Involvement and Programs coordinate activities on campus each Saturday night, including concerts, movies, game nights and open mic events. Many of the activities take place in the Fitness and Athletics Center (FAC).

**Student Government**

Students in all class years participate in the governance of the College through the many offices and committee positions of the Student Government Association (SGA). The Association and its committees are largely responsible for the self-governance of the student body.

**Honor System**

The Student Government Association is founded upon a highly developed concept of honor which applies to all phases of academic and social life. It is based on the fundamental belief that community harmony is best achieved when it has as its basis honor and mutual trust and respect. Each entering student becomes a full member of the Student Government Association upon taking the Honor Pledge, which in essence states that Sweet Briar women do not lie, cheat, steal, or violate the rights of others.

**College Chaplain**

Sweet Briar has a part-time chaplain who serves to support the spiritual lives of students. The Chaplain’s Office sponsors weekly opportunities for worship, study, volunteer service and ethical reflection. Because we live in an increasingly diverse world, the College Chaplain works intentionally to develop programs that speak to the needs of students from all faith backgrounds.

On campus, students may take part in Sunday night worship services in the Chapel, Roman Catholic campus ministries, Bible studies, support groups, lectures, and special Friday Night Torah Study and Shabbat Observance events related to religion and spirituality. Students have many opportunities for leadership in campus ministry by serving as a Sweet Spirit or becoming involved with Habitat for Humanity or other service opportunities. A student-led chapter of
Campus Christian Fellowship meets weekly for worship and fellowship. The Chaplain is available to students for confidential pastoral counseling.

In addition to on-campus spiritual opportunities, the Chaplain’s Office serves as a liaison to many area churches, synagogues, and mosques which welcome Sweet Briar students. The Chaplain’s Office also assists students interested in taking part in mission trips throughout the United States or to international venues during holiday, spring, and summer breaks.

**Athletics**

At Sweet Briar, athletics and physical education are an important part of the education of the total student. Department faculty and staff are committed to enhancing the physical, mental and emotional well-being of all students as an integral part of their educational experience. The Instructional Program offers a wide range of activities allowing each student to develop skills and knowledge that will contribute to a healthy lifestyle.

The Intercollogeiate Athletics Program provides opportunities for competitive excellence for students with advanced skills. Through high quality coaching, facilities and funding, student-athletes are afforded the opportunity to succeed both as individuals and as team members. Sweet Briar College is a member of the Old Dominion Athletic Conference and NCAA Division III, sponsoring six varsity sports for women in field hockey, lacrosse, soccer, softball, swimming and tennis.

Sweet Briar’s 3,250-acre campus provides a superb natural setting for jogging, hiking, biking, tennis, soccer, swimming, and many other sports and outdoor activities. The new expanded Fitness and Athletics Center facilities include basketball, tennis, badminton, racquetball, squash, and volleyball courts, weight-training equipment, a cardio-fitness center, fencing and aerobics room, elevated track, and a 25-meter pool. Located on campus are fields for hockey, lacrosse, softball, and soccer, as well as 14 tennis courts. The fencing club team plays a club schedule against a variety of colleges. Recreational, fitness and student club opportunities include basketball, volleyball, cross-country running, tennis, touch football, soccer, spinning, aerobics, and other sports.

**Public Events**

From informative, entertaining talks by leading authors and scholars to dynamic dance concerts and cutting-edge art exhibitions, Sweet Briar’s events schedule reflects the rich diversity and tastes of the College and its surrounding community.

Distinguished speakers and professional companies visit our theater and lecture halls each year. Recent presenters include environmental journalist Michael Pollan, environmental lawyer Robert F. Kennedy Jr., filmmaker John Waters, authors Zakes Mda and Manil Suri, Pulitzer Prize-winning author and naturalist Edward O. Wilson, and performing artists Bread and Puppet Theater, the Ying Quartet, and the American Shakespeare Center on Tour.
Plays, lunchtime music concerts, sporting events, art exhibits, film festivals, museum activities and more await. Visit our Web site for a list of current events.

**Campus Cashier**
For the convenience of the College community, the Business Office operates a cashier’s window where personal checks are honored. This privilege may be forfeited if a check is returned for any reason; in addition, there is a $25 fine for returned checks. It is recommended that students open checking accounts with their home banks or with local banks. Checks drawn on foreign banks will be subject to a $35 service charge to cover the cost of sending the check overseas for collection.

**Academic Opportunities & Support**

**Academic Advising**

The advising program at Sweet Briar encourages students to make informed decisions about their own academic progress. Coordinated by the Director of Academic Advising, the program provides assistance for students as they develop their educational objectives and integrate their academic and co-curricular experiences.

Prior to her arrival, each student is matched with a first-year academic advisor on the basis of shared interests. Throughout her career at the College each student will add campus specialists and even selected alumnae to an advising team, which she will manage. Upon declaration of a major, her principal academic advisor will become a faculty member from that program. Supplementary advising of first-year students and sophomores is normally the responsibility of the Director of Academic Advising. Supplementary advising of juniors and seniors is normally the responsibility of the Dean of the College.

In the process of helping students make their own choices, academic advisors interpret College requirements, assist with course selections, monitor advisees’ academic progress, and make referrals to campus resources.

The responsibility for advising students about graduate programs and career plans is shared among the Dean of the College, the Director of Academic Advising, members of the faculty, and the Career Services staff.

**First-Year Academic Advising**

Sweet Briar students actively participate in planning their own education. For this reason, the College’s advising program maintains a strong focus on self-assessment and decision-making. A first-year student receives information about her pre-major academic advisor and the advising process when she arrives on campus for Orientation. During Orientation, a student will meet with her advisor to begin planning her program.
As the process unfolds, each student creates a network of key individuals (her advising team) who will help her to make informed decisions about her academic work, pre-professional experiences, and co-curricular activities.

**Honors Program**

The Honors Program at Sweet Briar was established and continues to evolve in response to the needs of students who demonstrate exceptional initiative, ability, and creativity. The program consists of challenging courses, Summer Research Fellowships, opportunities for independent work, and a series of extracurricular activities.

**Honors Seminars** — Sweet Briar integrates the Honors Program into the existing curriculum to engage particularly motivated students in more ambitious, innovative academic work. The faculty develops new, interdisciplinary Honors Seminars each year. By student request, individual or small group tutorials called Honors Variants may be attached to existing courses, allowing participants to devise studies geared toward their specific interests and talents. In courses with multiple sections, one section may be offered as an Honors Section for qualified students.

**The Honors Summer Research Program** — Summer Research Fellowships support a select group of students from across the disciplines to conduct independent research under the supervision of a faculty member for an 8-week period during the summer.

**Honors Thesis** — The thesis provides the honors student with the opportunity to design and complete a long-term research project in her major department. The thesis is the culmination of an honors course of study at Sweet Briar. Working closely with faculty advisors, students begin their research in the spring of their junior year, completing it over the course of three semesters.

**Honors Activities** — The Honors Program sponsors events throughout the year, including a colloquium series featuring Sweet Briar faculty, visiting lecturers from other campuses, and informal discussions; trips to nearby plays, festivals, and cultural events; and an annual bus trip to Washington, D.C. Many events are initiated by honors students, and most are open to the community, making the program an integral part of life at Sweet Briar.

Honors students make use of the computers, audio-visual facilities, workspaces, and lounge located in the W.M. Keck Foundation Honors Center. The center also contains an office for an Honors Fellow, a distinguished recent Ph.D. in the humanities. A more detailed description of the Honors Program is available from the director of the Honors Program or from the Office of the Dean. Program requirements and this year’s course offerings are included in this catalog. See Honors Program in the Courses of Instruction.

**Academic Resource Center**

The Academic Resource Center (ARC) offers peer tutoring services and assistance in writing and study skills. The ARC is available for help with current projects and for long-term skill development.
The ARC staff and trained assistants are available at designated hours, weekdays and evenings. Walk-ins are possible, but appointments are encouraged. Sweet Briar students regularly use the ARC for tutoring, help in writing papers, effective testing strategies, and reading and study skills.

**Technology**

The College is dedicated to preparing students to be active, responsible members of a world that is rapidly changing through technology. Access to a well-equipped computer and computer literacy are necessary for course work and research, as well as for using the Internet, the web and e-mail.

The role of technology at Sweet Briar is not only to teach specific software and systems, but also to prepare students to function competently in a complex world of diverse technologies. Toward this goal, the College integrates computers throughout the curriculum. Students become adept at learning technology whenever it is needed.

Windows/Intel Pentium and Macintosh computers are available to students across the campus—in large, ergonomically designed computer labs, the libraries, study rooms, academic buildings, and other locations. Students with their own computers have a direct connection to the Sweet Briar network from their rooms in the residence halls.

**Libraries and Media Services**

Sweet Briar’s Mary Helen Cochran Library contains an outstanding liberal arts collection. All items are housed in open stacks and arranged for easy student access. The library is open 106 hours each week, 24 hours a day during exams. Reference librarians are available to help students organize their research efforts and to assist them with information needs. Bibliographic instruction to individuals and classes at scheduled times and by appointment help students gain the skills necessary to use effectively the vast information resources available. The library faculty also offers a series of non-credit courses in library instruction. The Basic Library Skills course is required of all incoming students. Library lab sessions are offered in conjunction with the courses for the writing requirement. Those students exempting from the requirement must take the course in stand-alone sessions. The resources of the Mary Helen Cochran Library are supplemented by those in two branch libraries: the Junius P. Fishburn Music Library in the Babcock Fine Arts Center and the Martin C. Shallenberger Library in the Pannell Center, which houses rare books and the College archives.

The rare book collection includes more than 5,000 volumes and thousands of manuscripts to support the curriculum. Of special note are the Virginia Woolf Collection, the W.H. Auden Collection, the George Meredith Collection, and the Evelyn Day Mullen T.E. Lawrence Collection.

The Fanny B. Fletcher Archives hold the records of the College. Students who take the course in historical research methods use these records as primary research materials.
The Sweet Briar College libraries are leaders in the use of advanced technology to improve the accessibility of information for students and faculty. A shared automated catalog, LION (Lynchburg Information Online Network), established in cooperation with Randolph College, the County of Amherst, and the City of Lynchburg Public Library, allows students to search and borrow items from their combined library holdings. Borrowed items are delivered to Sweet Briar. Access to the catalog is available to students in branch libraries and computer labs on campus and via personal computer in the residence halls.

The Online Computer Library Center (OCLC) system provides access to millions of titles in libraries throughout the United States, Canada, Mexico, Great Britain, and Europe. Online search services provide access to thousands of databases, indices, and abstracts, and offer full texts of information in hundreds of disciplines.

The John B. and Irene Vongehr Vincent ’40 collection features more than 4,000 books and ephemera in English on Chinese culture and history.

The Media Services Department provides training in simple video production and editing techniques, media equipment, and support to the College. Resources include video projection facilities, broadcast capability on the campus cable system, and interactive computer-driven multimedia workstations. The library also maintains extensive collections of audio and videotape programs, sound recordings, DVDs, and multi-media software.

Study Abroad
As a corollary to its mission to prepare women to be active, responsible members of a world community, Sweet Briar encourages qualified students to spend all or part of the junior year in study abroad. The College sponsors and directs the Sweet Briar Junior Year in France and Junior Year in Spain programs and has special relationships with universities in Italy, Germany, Japan, and Scotland. Some Sweet Briar financial aid may be used by students to pursue studies in these programs. Students interested in participation in other programs may apply for special study abroad scholarships. These scholarship opportunities are limited and competitive. The College also approves other programs for credit under the sponsorship of accredited four-year domestic colleges, universities, or other educational organizations, or by direct admission to accredited foreign institutions, including internships abroad. General foreign study information is available from the Director of International Studies, who works to match each student to a program that fits her academic and career goals.

In general, to qualify for approved study abroad in the junior year, a student should have a 3.0 cumulative grade point average by the end of her sophomore year. She must also have shown strength in her major area of study. Her proposed program should include at least one course in her major or in related fields.

Although study abroad is in keeping with the liberal-arts tradition, in some fields of specialization other options may be preferable. For this reason and in order to plan her program of study
carefully in advance, a student wishing to spend all or part of the junior year abroad should confer with the Director of International Studies, as well as an academic advisor in her intended major at an early date, preferably in her first year, but no later than November 30 of her sophomore year.

Each student wishing to study abroad, whether for an entire year or for a single term, must submit a dossier of supporting materials and forms to the Director of International Studies. The dossier and forms must be completed no later than December 15 of her sophomore year. Students who participate in a study abroad program must still pass three writing intensive courses in addition to the first-year writing requirement as required by the General Education Program.

In all cases, the approval of the College must be sought in advance if credit toward the Sweet Briar degree is to be granted. In exceptional cases, modifications to the guidelines described above may be requested from the International Studies Advisory Committee.

**Junior Year in France**

Sweet Briar’s Junior Year in France offers a program of foreign study in Tours and Paris for an academic year or a term to well-prepared students who are especially interested in the language, history, and culture of France or who desire to specialize in such subjects as art, history, international affairs, or political science. Students from more than 35 colleges and universities across the nation study in this distinguished program each year. A candidate is expected to have at least two years of high-school French and two full years of college-level French, including an introductory literature course, by June of the sophomore year. The candidate should be studying French during that year. A course in European or French history is also recommended. Minimum requirements include a 3.0 grade point average in French and a 3.0 cumulative grade point average. Recommendations from the Department of Modern Languages and Literatures and her major advisor are needed before she can be recommended to the program by the Office of the Dean. Detailed information is available in the Sweet Briar Junior Year in France Office and the International Studies Office.

**Junior Year in Spain**

The Sweet Briar Junior Year in Spain is an intercollegiate, coeducational study abroad program. For an academic year or a term, students can enroll in two types of courses at the University of Seville: regular university courses in a wide range of fields and special courses for foreign students. Both are taught in Spanish by University of Seville faculty, in the areas of language, literature, history, art history, economics, geography, and Latin-American studies.

A candidate is expected to have at least two years of high-school Spanish and two full years of college-level Spanish, including an introductory literature course. These requirements should be met by June of the sophomore year; study of Spanish during that year is highly recommended. A course in European or Spanish history is also recommended. Minimum requirements include a 3.0 grade point average in Spanish with a 3.0 cumulative grade point average. Recommendations from the Department of Modern Languages and Literatures and the major
advisor are needed before the candidate can be recommended by the Office of the Dean. Detailed information is available in the Sweet Briar Junior Year in Spain Office and the International Studies Office.

**Other Semester/Academic Year Programs**

**Study in Scotland**
Since the early 1930s, Sweet Briar has had a special relationship with St. Andrews University in Scotland. Up to 10 students each year are recommended to the faculties of St. Andrews for admission as visiting students for the junior year. Candidates for study at St. Andrews must have a 3.0 cumulative GPA and will be considered on the basis of their fields of study and academic records, as well as their capacity for independent work and their maturity. Application information and forms are available from the Director of International Studies.

**Doshisha Women’s College of Liberal Arts, Japan**
The Japanese Studies Program at Doshisha Women’s College was started in 1992. This fall semester program offers both Japanese language courses, and courses in Japanese culture conducted in English. Prior knowledge of Japanese is not required. All students stay with Japanese families whose daughters attend the college. The campus is located midway between Kyoto, Nara, and Osaka, and provides students with easy access to these major cultural centers. For more information and application, contact the Director of International Studies.

**Intercollegiate Center of Classical Studies**
The Intercollegiate Center for Classical Studies in Rome (ICCS), established in 1965 by representatives of 10 American colleges and universities, provides undergraduate students with an opportunity to study Greek and Latin literature, ancient history, and archaeology and ancient art in Rome.

The Rome Center operates two terms each academic year, one from early September to mid-December, the other from late January to the end of May. Each term allows about 15 weeks of instruction and provides one full term’s academic credit. For more information and an application, contact the Classics, Religion, and Philosophy Department and the Director of International Studies.

**Wake Forest/SASASAAS Program in China-Beijing**
The Wake Forest/SASASAAS in China Program is a one-semester (Fall) program in Chinese language, culture, and current affairs designed exclusively for students who attend schools that are members of the Southern Atlantic States Association for Asian and African Studies. This program is different from most study abroad programs in China in that students do not need a background in the language. Except for the language courses (Beginning to Advanced), all other courses are taught in English.

**Middlebury Program in Florence**
Middlebury College’s Italian Program in Florence will accept Sweet Briar students recommended by the Department of Modern Languages and Literatures and the Director of
International Studies. Classes are taught only in Italian, and students take courses in literature, art, and history. This program requires a minimum grade point average of 3.0 and the completion of first and second year Italian. Several other programs are available for Sweet Briar students in other cities of Italy.

**Summer Programs Abroad**

**Sweet Briar Summer Program in Paris, France**
Sweet Briar offers an intensive summer program in Paris, France—the City of Lights. The four-week home-stay program entails intensive study in the Sweet Briar College Center at the Alliance française in the Latin Quarter. Excursions to the neighboring cities of Versailles and Tours, in addition to guided tours of castles in the Loire Valley, the Luxembourg gardens, the Louvre, the Orsay museum, and other famous Paris monuments, are included in the fee. Students who successfully complete the program receive four hours (two courses) or six hours (three courses) of Sweet Briar College credit. Open to college students who have completed an intermediate level of college French with a 2.75 GPA, and the recommendation of the instructor.

**Sweet Briar Summer Program in Seville, Spain**
Sweet Briar offers an intensive summer program with the opportunity to study in Seville, one of Spain’s most beautiful cities. The five-week home-stay program entails intensive study in the Sweet Briar College Center across from the University of Seville. Excursions to the neighboring cities of Granada, Córdoba, and Chiciana, in addition to guided tours of Seville’s cathedral, Giralda, Alcázar and a trip down the Guadalquivir River, are included in the fee. Students who successfully complete the program receive six hours of Sweet Briar College credit. Open to college students who have completed a beginning level Spanish, or the equivalent, and the recommendation of the instructor.

**Virginia Summer Program at Oxford**
Sweet Briar is one of six Virginia colleges that sends a select group of students to St. Anne’s College, University of Oxford, England, for summer study. The program follows the English system, combining lectures and weekly tutorials conducted by British dons. The literature, history, and society of late 16th- and early 17th-century England are the central themes of both lectures and tutorials. The program is designed for rising seniors and juniors, though exceptionally qualified rising sophomores may be considered. All applicants are strongly urged to take background courses in English history and literature before applying. Applications are due February 15. Information may be obtained from the International Studies Office or the Department of English.

**The American School of Classical Studies Summer Program at Athens**
The School offers annual six-week summer sessions, usually two to twenty students each, from late June to early August. These sessions are designed for those who wish to become acquainted with Greece and its antiquities and to improve their understanding of the relationship between the country (its monuments, landscape, and climate) and its history, literature, and culture.
Each session is divided between the study of sites, monuments, and museums in Athens and trips to places chosen by the Director of the session in Central Greece, the Peloponnese, Macedonia, Northwest Greece, and the islands. Participants are required to deliver oral reports on assigned monuments or other topics. They see two more plays. The class carries a fee, which includes room, board, travel, and theatre admissions.

Other Study Abroad Programs
Sweet Briar also offers students a number of opportunities for study abroad throughout the world including, but not limited to, Australia, Austria, Bermuda, Canada, China, Costa Rica, Cuba, Czech Republic, Denmark, Greece, Guam, Holland, India, Ireland, Jamaica, Korea, Mexico, Mongolia, Morocco, Nepal, New Zealand, Panama, Russia, South Africa, Tanzania, Trinidad, and Tobago. Students should meet with the Director of International Studies for further information.

Internships Abroad
Students may earn Sweet Briar academic credit for participating in an internship abroad, provided they have faculty supervision and approval. For fall or spring semester internships, students are eligible for a proportionate amount of their Sweet Briar merit scholarships, if they are billed by Sweet Briar for the internship credits. Please contact the Director of International Studies or the Financial Aid Office to learn more about this option.

Off-Campus Study in the United States

Seven-College Exchange Consortium
Sweet Briar participates with six other colleges (Hampden-Sydney College, Hollins University, Mary Baldwin College, Randolph-Macon College, Randolph College, and Washington and Lee University) in a program that allows students, usually juniors, to spend a term or an academic year at one of the other colleges. The primary purpose of this consortium is to pool resources, thereby making it possible to expand and extend the offerings of the individual colleges. Information is available from the Office of the Dean.

Tri-College Consortium
A student at Sweet Briar may take a course at Lynchburg College or Randolph College in the spring or fall semester, provided the course is not currently available at Sweet Briar. No tuition will be charged in addition to that already paid to Sweet Briar, but the student must pay any extra fees or charges. Grades earned at these colleges are accepted in transfer. The College will assist Sweet Briar students in making travel arrangements. The Tri-College Consortium program is not available for summer courses.

American University Washington Term
An upper-class student may spend a term in one of several American University programs in the areas of public law, American politics, journalism, international and environmental development,
or economic, foreign, or domestic policy determination. Applications should be made by the middle of the term prior to the Washington Term to the Department of Government.

Summer Study
Subject to the stipulations set by the faculty, up to 18 credit hours toward the Sweet Briar degree may be obtained in summer study in accredited American colleges and universities, in approved summer programs abroad, and for internships and independent study projects. All such work must have prior departmental approval. Information may be obtained from the Registrar’s Office.

Internships
At Sweet Briar, internships are defined as a work experience related to a student’s academic program. These are serious academic experiences which must be sponsored by a member of the faculty and approved by an academic department and the Dean of the College. To be eligible for an internship, a student must be a rising sophomore, junior, or senior and have a cumulative grade point average of at least 2.0. She must have completed at least three semester hours of course work in the field of study to which her internship is related, and she must have a grade point average of at least 2.0 in this field. Students who are on any type of academic probation are not eligible for internships.

An internship shall consist of a minimum of 40 hours of work per earned credit hour, either at the work place or in related field work, and shall usually receive one to three semester hours of credit. With the recommendation of the faculty sponsor, and approval of the academic department and the Dean, internships of longer duration which are more academically substantive may be awarded more credit, up to a maximum of six semester hours for any one internship. No more than 12 semester hours of internship credit may be counted toward the undergraduate degree. Internships are graded on a Pass/Credit/No Credit basis.

Students may initiate the process of obtaining an internship by requesting an Intent to Intern form from the Office of Career Services. This form must be signed by the faculty sponsor, the Chair of the Department or the Director of the Program, and the Dean. To receive credit for the internship, a student must submit a written report of assigned reading related to the academic discipline in which the internship is taken and to the internship itself; a journal which provides a detailed description of what the intern did; a paper in which the intern attempts to make sense of the internship experiences recorded in her journal by relating them to her academic discipline and to any assigned literature; and a form signed by the on-site supervisor verifying satisfactory completion of the internship. The student must also request her supervisor send an evaluation of her work directly to the faculty sponsor. The deadline to complete the approval process and register for an internship is the eighth day of classes for the fall and spring semester, and one week before the end of spring term classes for summer internships.

Internships provide opportunities for students to explore career possibilities and gain work experience. Because of Sweet Briar’s proximity to Washington, D.C., a large number of students are able to serve as political, legal, or public service interns. Students work there and elsewhere for U.S. senators and representatives, attorneys, and local political organizations.
Economics interns often gravitate to the banks and brokerage houses of New York City. For example, students have worked at Chase Manhattan Bank, Merrill Lynch, and Paine Webber Mitchell Hutchins Assets Management. Economics interns have also worked for such companies as the international accounting firm Coopers and Lybrand in Washington, D.C.; Bear Stearns Securities in Boston; and Resort Real Estate Development in Pawleys Island, S.C.

In recent years, arts management interns have gained a better understanding of museum work at the Mint Museum of Art in Charlotte, N.C.; Hirschl and Adler Galleries in New York; and the National Gallery of Art in Washington, D.C.

Students interested in journalistic or editorial careers have worked at Southern Accents magazine, Atlanta; the Wiley Press, New York; and the Nashville Banner in Tennessee.

Other internships have ranged from work for the District Attorney’s Office in Dallas; marketing IBM software in Washington, D.C.; and assisting the managing director of a regional theatre in Pennsylvania, to making farm calls with an equine veterinarian in South Carolina.

The Sweet Briar International Theatre Tour
Students will travel to international destinations attending a wide variety of theatrical experiences. Students will learn critical appreciation of theatre through written essays and discussion. The Sweet Briar International Theatre Tour is offered every other summer. This class, which carries three hours of credit, also carries a fee, which includes room, board, travel, and theatre admissions. For more information, contact Bill Kershner, professor of theatre arts (kershner@sbc.edu).

Academic Honors

Latin Honors
General Latin honors of three ranks—cum laude, 3.4 grade point average; magna cum laude, 3.6 grade point average; summa cum laude, 3.9 grade point average—are awarded to members of the graduating class on the basis of their academic record. Candidates under the Honors Program may receive departmental citations: with honors, high honors, or highest honors.

Dean’s List
At the end of each fall and spring term, the Dean prepares a list of students who have shown outstanding ability and achievement in the work of the term, including a 3.5 grade point average with a minimum of 12 graded academic hours.

First-Year Honors List
First-year students who achieve an outstanding record, including a 3.3 grade point average with a minimum of 12 graded academic hours in the fall term, are recognized in January.
Emilie Watts McVea Scholars
Each year the College recognizes academic achievement by conferring upon the highest-ranking member of each class the honorary title of Emilie Watts McVea Scholar, a designation which bears the name of the second president of Sweet Briar College. In order to be eligible, a student must have earned at least 24 credit hours at Sweet Briar College by the end of the first year, or at least 56 credit hours at Sweet Briar by the end of the sophomore year, or at least 60 credit hours at Sweet Briar by the end of the junior year.

Phi Beta Kappa Society
The Theta of Virginia chapter was founded at Sweet Briar College in 1950. With fewer than 250 chapters nationwide, membership is highly selective. Candidates must be completing at least two years of residence at the College. Grade point average is an important, but not the sole, criterion for election. Weight is given to recommendations from faculty and to the breadth of each candidate’s program as shown by the number and the variety of courses taken outside her major. Also important are the balance and proportion in a candidate’s degree program as a whole. Finally, candidates must demonstrate a knowledge of mathematics and of a foreign language at least minimally appropriate for liberal arts education.

Alpha Lambda Delta
Alpha Lambda Delta is an honor society that recognizes academic excellence during a student’s first year in college. The purpose of Alpha Lambda Delta is to promote a continued high standard of learning and to encourage superior academic achievement. A chapter was established at Sweet Briar in 1991. To be eligible, a student must have earned a cumulative grade point average of 3.5 or higher in her first academic year.

Alpha Psi Omega
In 2001, the Alpha Delta Beta chapter of Alpha Psi Omega, the National Honorary Dramatic Fraternity, was established at Sweet Briar College to honor outstanding students in Theatre Arts.

Delta Phi Alpha
The Lambda Eta Chapter of Delta Phi Alpha, the National German Honor Society, was founded in 1951. The Society seeks to recognize excellence in the study of German and to provide an incentive for higher scholarship by promoting the study of the German language, literature, and civilization and emphasizing those aspects of German life and culture which contribute to man’s eternal search for peace and truth.

Eta Sigma Phi
Eta Sigma Phi is the national honorary society in classics, founded in 1914. The chapter at Sweet Briar College was established in 1995. The Greek letters Eta Sigma Phi stand for The Society of Those Who Love the Classical Tradition. The organization exists to recognize outstanding achievement in the study of Greek and Latin languages, and to foster a spirit of friendship among students of the classics.
Iota Sigma Pi
Iota Sigma Pi, the National Honor Society for Women in Chemistry, was founded in 1902 at the University of California, Berkeley. Iota Sigma Pi's mission is to promote professional development and personal growth of women in chemistry. The Lanthanum Chapter, the 48th chapter of Iota Sigma Pi, was founded in May 1998. Members currently come from three of the Lynchburg area colleges, Sweet Briar College, Randolph-Macon Woman's College, and Lynchburg College.

Omicron Delta Epsilon
The Sweet Briar chapter of Omicron Delta Epsilon, a National Honor Society in Economics, was established in 2005. The objectives of Omicron Delta Epsilon are recognition of scholastic attainment and the honoring of outstanding achievements in economics and the establishment of closer ties between students and faculty in economics within and among colleges and universities.

Phi Alpha Delta
The Omega Mu Chapter of the Phi Alpha Delta law fraternity was established at Sweet Briar College in 1995. It is the first undergraduate chapter established at a women’s college. Its purpose is to promulgate the study of law and politics in American society. Chapter members have served as volunteers in the Amherst Youth Service Project and in the Amherst County School district.

Pi Delta Phi
In April 2004, the new Nu Mu chapter of Pi Delta Phi, the National Collegiate French Honor Society, was installed at Sweet Briar College. Students are selected for membership in Pi Delta Phi based on their academic record in their study of French. The society seeks to increase the knowledge and appreciation of Americans for the cultural contributions of the French speaking world: to stimulate and encourage French cultural activities.

Psi Chi
Psi Chi is the national honor society in psychology, founded in 1929 for the purpose of encouraging, stimulating, and maintaining excellence in scholarship and advancing the science of psychology. Membership is open to Sweet Briar students who have registered for major or minor standing in psychology, have completed eight semester credit hours in psychology, are ranked in the upper 35 percent of their class in general scholarship, and have earned an average grade of “B” in psychology courses.

Sigma Delta Pi
A Chapter of Sigma Delta Pi, the national Spanish honor society, was established at Sweet Briar in 1990. The purpose of the Society is to encourage excellence in the study of Spanish and to encourage an increased awareness of and involvement in the study of the Spanish language and the cultures and literatures of Hispanic peoples. The society offers a number of competitive scholarships and awards and encourages students to contribute to its newsletter.
New student members are selected annually based on their overall academic record and a demonstrated interest in the study of Spanish.

**Upperclass Awards and Prizes**

**The Academy of American Poets Prize** is awarded to the student submitting the best poem in the annual competition. The family of Jean Taylor Meyer has endowed this prize at Sweet Briar College and the prize has been renamed “The Jean Taylor Meyer Memorial Poetry Prize”.

**The Alpha Lambda Delta Award** is given to the graduating Alpha Lambda Delta member who has the highest cumulative grade point average at the end of the first grading period of the senior year.

**The Alumna Daughter Award** was established in 1974 by the Executive Board of the Alumnae Association to honor an alumna daughter in either the junior or senior class who has demonstrated at Sweet Briar the traditions of sound learning and social responsibility which have characterized the alumnae of the College since its founding.

**The Mary Kendrick Benedict Award** was established in 1945 by former students, colleagues, and other friends of Dr. Mary Kendrick Benedict, the first president of Sweet Briar College, to honor an upperclass student of high academic standing and personal integrity who has shown a purpose for service in her college experience.

**The “Big Sister” Award**, donated by Sweet Briar alumna who teach in the Tye River Elementary School in Nelson County, is given to a member of the senior class who has shown a commitment to community service by contributing to the educational and emotional growth of the children at Tye River Elementary School. The recipient gives valuable time and makes a positive difference in the lives of these young people.

**The Myron B. Bloy, Jr. Service Fellowship** was established by friends of the late Chaplain Bloy to enable a current Sweet Briar student to work in a service-oriented, off-campus situation in this country or abroad.

**The Jean Besselievre Boley Fund** was established by the parents and husband of Jean Besselievre Boley ’35 to encourage interest in creative writing. The fund provides a prize for the student submitting the best short story entered in the annual competition. It may also provide a grant-in-aid for a junior or senior with demonstrated ability in creative writing who requires financial assistance.

**The Laura Buckham Book Award** was established by the friends of the late Laura Buckham, professor of French at Sweet Briar for 32 years. The award is presented to a rising junior who is a French major in recognition of excellence in French.
The Marcia Capron Award was established by John D. Capron in honor of his wife. This award is given to a senior for excellence in French.

The Julia Sadler de Coligny Award provides an annual prize to outstanding majors in music and English in alternate years.

The Penelope Czarra Award was established by the parents of Penelope Lane Czarra '75 to honor the senior who best combines scholastic achievement, student leadership, and effective contributions to the improvement of the quality of student life at Sweet Briar.

The Juliet Halliburton Davis Award recognizes an outstanding major in environmental science and in environmental studies for their academic achievement, leadership, and service to the Environmental Studies department.

The Judith Molinar Elkins Prize was established by her family in honor of Professor Elkins, Professor of Mathematics. This award recognizes the outstanding achievements of a senior majoring in the mathematical, physical, or biological sciences, actively participating in the college community, and demonstrating the ideals and dedication to learning exemplified by the life of Professor Elkins.

The Helen McClure Gager Award in Chemistry was established by the husband, family, and friends of Helen Gager, associate professor of chemistry, who taught at Sweet Briar from 1976 to 1980. The award recognizes a member of the Sweet Briar community—student, faculty, or other—who has done distinguished work in the field of chemistry.

The German Embassy Book Prize is awarded at commencement to a student who has an excellent academic record and has made significant contributions to the German Program at Sweet Briar.

The Gill Scholarship, funded by Betty Byrne Gill Ware '55, in honor of her parents, Dr. and Mrs. Elbyrne Grady Gill, is presented to a rising junior or senior for their achievements in the environmental sciences or studies program and their interest in protecting the environment.

The Goethe-Institut Buchpreis, provided by the Goethe-Institut in Washington, is awarded at commencement to an outstanding senior majoring in German or German Studies.

Nicole Greenleaf Service in Education Award, named in honor of Nicole Clara Michelle Greenleaf, Class of 2003, honors a senior in the Teacher Education program who has demonstrated scholastic achievement and whose volunteer service in support of a struggling student in a local public school has been an inspiration to that student’s school community.

The Connie M. Guion Award was established in honor of Professor Guion by Mr. and Mrs. J. Wilson Newman and their daughters, Clare Newman Blanchard ’60, and Mildred Newman
Thayer ’61. It is given to a member of the graduating class “for excellence as a human being and as a member of the College.”

The Milan Hapala Scholarship is awarded to a junior majoring in International Affairs or Government and wishes to study in the Czech Republic.

The Kathryn Haw Prize in Art History was established by the Art History Department with support provided by Kathryn Haw ’92 in recognition of the quality of education she received. It is awarded to a graduating art history major who has demonstrated excellence by maintaining a grade point average of at least 3.5 in her major.

The James Lewis Howe Award in Chemistry, sponsored by the Blue Ridge Section of the American Chemical Society, is awarded to a senior for excellence in chemistry. This award is presented to the recipient in April at a meeting of the Blue Ridge Section of the American Chemical Society.

Kenmore Merit Scholarship is awarded to a junior or senior who has maintained a 3.3 grade point average and who is recognized by the faculty of the government program for academic excellence.

L’Alliance Française Prize, established by the Lynchburg, VA, chapter, is presented to a senior nominated by the Modern Languages and Literatures Department for excellence in French language and literature.

The George H. Lenz Excellence in Physics Award is given to a senior physics major or minor who has shown dedication and success in the pursuit of learning physics. The winner of this award excels both in theoretical and experimental physics and exemplifies Professor Lenz’s excitement for understanding physics. The naming of this award honors Professor Lenz’s significant contributions to the physics department, where he taught from 1970 to 2004.

Rebecca Tomlinson Lindblom Award, which was established by Reverend William L. Lindblom in honor of his wife, is given to a student or students who demonstrate academic excellence in philosophy and religion as well as in the application of their principles to daily living.

The Manson Memorial Alumnae Award was established by the alumnae in memory of N. C. Manson, Jr., to give recognition each year to an upperclass student of high academic standing who shows qualities of leadership and makes a constructive contribution to student life.

The Mathematical Sciences Award is awarded to a graduating Mathematical Sciences major who has demonstrated excellence by achieving at least a 3.3 in mathematical courses and in one or more of the following ways: performance in the classroom, academic activities outside the classroom, service to the department, leadership on campus, and service to the local community.
**Jessica Steinbrenner Molloy Award** honors an outstanding senior in theatre arts, chosen by the faculty of that department.

**Irene Mitchell Moore Scholarship**, established by Irene Mitchell Moore, is given to benefit students of the Center for Civic Renewal who intend to pursue careers in public service with a goal of fostering the habits of effective citizenship engagement.

**The Lawrence Nelson Award** was established in 1971 in memory of Professor Nelson, who taught English at Sweet Briar from 1946 to 1970. It is awarded to a senior chosen by the Department of English for general excellence in English.

**The Pauline Roberts Otis Award** was established in memory of Mrs. Otis by her daughter, Susan Otis Thompson ’52, who studied in Paris with the Sweet Briar Junior Year in France. The prize is awarded each year to the senior student of highest academic distinction having been a member of the Junior Year in France program.

**The W. Edward Overly Award** was established by W. Edward Overly, parent of Lynda ’64. It is awarded to a senior who has demonstrated scholarly achievement in Spanish.

**Outstanding Scholar in Education Award** is given in recognition to young women in Virginia colleges who have completed the teacher preparation programs in an exemplary fashion. It is given to advance the professional interest and position of women in education and to honor women who have given or who evidence potential for distinctive service in any field of education. The award is given by Delta Kappa Gamma, a national honor sorority for leading women in education.

**The Everingham Rickards and Captain Garrett V. S. Rickards Award** was established in 1974 by Frances Murrell Rickards ’10, in memory of her son, who died in World War II, and her husband. This award is given to one or more members of the rising sophomore class who best demonstrate potential for leadership, academic excellence, and community involvement, which have distinguished the College throughout its history.

**The Shakespeare Prize** is presented to the student who demonstrates excellence in one or both of the upper-level Shakespeare courses.

**Mary MacKintosh Sherer Merit Scholarship**, established by friends of Mary MacKintosh Sherer, is awarded to a rising junior who is a leader and a scholar and who demonstrates the outgoing and cheerful qualities long associated with Mary MacKintosh Sherer.

**Sweet Briar Fine Arts Scholarship** is given in recognition to the senior who best shows great promise as an artist and a scholar.
The Anne Gary Pannell Taylor Award in history, honoring the fifth president of the College, is presented to a senior history major who has achieved the highest cumulative grade point average.

The Lucile Barrow Turner Award is awarded to a student or students majoring in music or in drama to provide scholarship assistance.

The Walker Family Award was established in 1983 by alumnae and friends of the Walker family, whose home near Sweet Briar was a center of hospitality for many years. The award is presented to a senior of above-average academic standing who best possesses the spirit of the Walkers: a cheerful, positive disposition, showing in her relationships warmth, generosity, and humility.

The Leigh Woolverton Prize for Excellence in the Visual Arts was established in memory of Leigh Woolverton '82, by her mother, family, and friends.

Graduate Fellowship
The Anne Gary Pannell Taylor Graduate Fellowship in History, honoring the fifth president of the College, was established by Dorothy Stimpson, visiting professor of history at Sweet Briar in 1956. The fellowship, to encourage high standards of scholarship in history, is awarded to an outstanding senior history major who plans graduate study.

General Policies

Non-Discrimination
In accordance with federal laws and the law of the Commonwealth of Virginia, discrimination in educational programs or in employment on the basis of race, religion, nationality, sex, age, handicap, veteran status, or sexual orientation by one member of the Sweet Briar community against any other member of the Sweet Briar community will not be tolerated. Discrimination encompasses any difference in treatment on a prohibited basis. This prohibition against unlawful discrimination shall not in any way alter, affect, or negate the at-will status of any employee. Individuals who require accommodation should notify the director of Human Resources (for employment matters) or the Dean's Office (for education programs).

Confidentiality of Education Records
In compliance with the Family Educational Rights and Privacy Act of 1974 as Amended (FERPA), Sweet Briar College’s policy as outlined herein establishes certain prerequisites and limitations on the release of education records and personal identification data. The act was designed to protect the privacy of education records and to provide guidelines for the correction of inaccurate or misleading data.
Annual Notice — The College will annually notify students of their rights under the act by providing each student with a copy of this policy or a summary thereof.

Public Access — Certain information is considered public, and the College may release such information at its discretion. The College has designated the following information as directory information:

- name
- addresses (permanent, campus, local, email)
- associated telephone numbers
- date and place of birth
- dates of attendance
- previous institution(s) attended
- major and minor field(s) of study
- full or part-time enrollment status
- class
- participation in officially recognized activities and sports
- academic honors and awards
- degree sought
- expected date of completion of degree requirements and graduation
- degree(s) conferred (including dates)
- photograph and video images

A student may request that designated directory information be kept confidential by filing written notification with the Registrar’s Office. Once restricted, this information cannot be released without the written consent of the student.

Disclosure to Third Parties — Except as described above, the College will not release personally identifiable information from education records to third parties without the student’s prior written consent. The College may disclose personally identifiable information from education records:

a) to College officials, including faculty, with a legitimate interest;
b) to certain federal, state, and local officials;
c) to organizations conducting certain educational studies or accrediting functions;
d) to parents who submit documentation that the student is claimed as a dependent for income tax purposes;
e) in connection with a student’s application for or receipt of financial aid;
f) pursuant to a court order or subpoena, upon a reasonable attempt to give advance notice to the student;
g) in connection with a health or safety emergency as necessary for the protection of the student or others;
h) to organizations or individuals as authorized in writing by the student; and
i) to other persons or entities as authorized by the legislation.
**Student Access** — Students may review their academic records by requesting this in person at the Office of the Registrar. The College will comply with a student’s request to inspect and review other education records under this policy within a reasonable period of time, not to exceed 45 days from receipt of the request.

**Limitations and Restrictions on Disclosure and Access** — The term “education records” as defined by law and as used herein does not include:

- a) records made and maintained by individual faculty or administrative personnel;
- b) law enforcement records;
- c) records that contain information only after an individual is no longer a student;
- d) employment records; or
- e) treatment records submitted directly to or maintained solely by the Student Health Center, except that a student may request treatment records to be reviewed by a physician or appropriate professional.

Student access to records that are not education records is strictly within the College’s discretion. In addition, students are not entitled to inspect and review certain education records, including confidential letters and recommendations (if a student has signed a written waiver), and parental financial records.

The College may, at its discretion, require payment of all delinquent tuition and other outstanding amounts prior to providing copies of records in connection with any disclosure or access. Students are also responsible for paying reasonable copying charges.

**Records of Disclosure** — Except for access or disclosure as described above, the College will maintain a record of requests for access to and disclosure of personally identifiable information from education records.

**Types and Locations of Education Records** — The College maintains the following types of education records at the locations indicated: the academic transcript is maintained in the Registrar’s Office and the academic file is maintained in the Dean’s Office.

**Requests for Amendment of Records** — A student may request the College to amend an educational record believed to be inaccurate, misleading, or in violation of the student’s rights. Such a request must be directed to the Dean of the Faculty. Appropriate offices will be notified if changes are made. Upon request, a student shall have the opportunity for a hearing to challenge the content of education records on the grounds of information being inaccurate or misleading or in violation of the student’s rights. If the student does not prevail at the hearing, the student may add a statement to the record describing the student’s challenge. Students also have a right to file with the U.S. Department of Education a complaint concerning non-compliance with the Act or regulations.
Academic Policies on Disabilities
Sweet Briar College complies with Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act and accepts students with documented disabilities who can successfully pursue the College’s academic program. Sweet Briar recognizes its responsibility to provide individuals with disabilities with equivalent access while maintaining the standards that are essential to the academic program.

Admission
Admission to Sweet Briar College is based on the requirements outlined in this catalog. Sweet Briar does not discriminate on the basis of disability in the admissions process. If an applicant believes that an accommodated admission review is warranted, the applicant must initiate the process (by law, the Admissions Office cannot address a disability unless the applicant is self-identified). The applicant must submit a written request for an accommodated admissions review to the Dean of Admissions and enclose with that request the appropriate documentation. The request will be evaluated by the Dean of the College, who will forward a recommendation to the Dean of Admissions for inclusion in the admissions review process.

Accommodations in Specific Courses and Support Services for Enrolled Students with Disabilities
Students with documented disabilities, identified either before or after their admission to the College, may request accommodations in the structure of a course or courses. The responsibility for initiating such requests rests with the student. Students with disabilities who seek course-based accommodations must meet with the Dean of the Faculty to request accommodations. The student must submit appropriate documentation of the disability to the Dean, who will review the documentation and will then discuss with the student which accommodations and support services are appropriate.

The Dean of the Faculty, with the student's written permission, will notify the faculty members involved of the specific classroom or course-based accommodations or both that have been authorized. The student will also be referred to the Academic Resource Center to arrange need-based support services outside the classroom. All specific course-based accommodations should be established at the beginning of each academic term. It is the responsibility of the student to contact her professors to arrange for the necessary accommodations. Accommodations identified at the beginning of the term may be adjusted on an as-needed basis.

The types of legal accommodations available to students in specific courses and outside the classroom can include, but are not limited to, the following possible accommodations:

- **In Class** — Tape recording of lectures, use of a note taker, seating location, extended time for assignments, use of a word processor for written work and taped texts.
- **For Examinations** — Use of a reader, extended time, private room, use of a word processor, alternative formats, or adaptive equipment.
- **Outside the Classroom** — Taped texts, note transcription, tutoring, learning strategies instruction, reduced course load, and use of adaptive equipment.
Modifications

Students with documented disabilities may request modifications in academic requirements as are necessary to ensure that such requirements do not discriminate against students with disabilities, or have the effect of excluding students solely on the basis of disability. Modifications may include changes in the length of time permitted for completion of degree requirements, reduced course loads, substitution of specific courses for degree requirements, waivers of specific requirements, or utilization of the pass/credit/no credit grading option.

Students requesting modifications must submit a written request to the Office of the Faculty complete with appropriate documentation of the disability. The College’s guidelines for reviewing all requests for modifications are:

1. The modification must be directly related to the student’s disability.
2. In cases involving courses required for the degree, the student must pass an authorized substitute course or requirement.
3. In cases where students have been approved to take courses on the pass/credit/no credit basis, the office of the Dean will notify the Registrar in writing of this modification.
4. Grades earned in courses identified as affected by a specific disability and attempted before the disability was diagnosed and confirmed by the Dean of the Faculty or Director of Academic Advising may be converted to the pass/credit/no credit grade, and the grade-point average may be adjusted at the request of the student and with the approval of the Dean of the Faculty. The Dean will consult with the faculty member who recorded the original grade to verify that clear evidence exists to support the student’s claim that the disability, rather than other factors, directly interfered with the student’s ability to perform on an equal basis with other students in the course. This policy will not apply to students diagnosed with disabilities after they have completed the degree.

Other Guidelines

In order for Sweet Briar College to consider requests for accommodations or modifications or both, the student must provide documented evidence of the disability or disabilities based on an evaluation done by an appropriate professional within four years of the date the request is submitted. In cases of learning disabilities or other “hidden disabilities” the required evaluation must also include specific test results.

The Office of the Dean will submit an annual report to the Instruction Committee, including the number of students diagnosed with learning disabilities, and summarizing the nature and scope of accommodations, modifications, and support services provided to students under this policy.
Academic Policies & Procedures

Here, you’ll find information on the advanced placement test (AP), International Baccalaureate (IB), class attendance, credits and grades, course repeats, grade reports, grade appeal policy, academic eligibility and class standing, examinations, registration, withdrawal, conduct and readmission.

Advanced Placement and Exemption
Exemption from one or more of the degree requirements and/or admission to advanced courses may be granted on the basis of the Advanced Placement Tests of the College Board, the International Baccalaureate (IB) Program, transfer credit, or, in some cases, placement tests taken at Sweet Briar. Neither academic credit nor placement is awarded for the College Level Examination Program (CLEP), experiential learning, or Armed Services experience. Requests for information about the Advanced Placement Tests should be made to the College Board or the student’s high school counselor.

Since the College wishes to enable every student to advance at a rate commensurate with her ability and previous preparation, any student who has not participated in the Advanced Placement or International Baccalaureate programs, but believes that she is capable of doing the work of an advanced course or should be exempted from a degree requirement, may so indicate to the Dean. Placement tests and conferences with department chairs will be arranged to meet the needs of such students.

Advanced Placement Test (AP)
A student who receives a score of 4 or 5 on an Advanced Placement Test will be granted credit for a year’s course or for a term’s course, as well as exemption from both the department’s introductory course, if there is one, and any appropriate general education requirement. Students must request that ETS send official score reports to the Registrar’s Office.

International Baccalaureate (IB)
Sweet Briar College recognizes the challenging nature of the International Baccalaureate program of study. Six semester hours of credit will be granted to a student presenting a score of five or higher on any of the International Baccalaureate higher-level examinations. On the recommendation of the individual department, advanced placement or credit or both may be awarded to a student presenting a score of 4 on any of the International Baccalaureate higher-level examinations.

Class Attendance
The College maintains that regular class attendance is essential to its educational plan. It is the responsibility of the student to attend all classes and to keep up her work. Faculty may take class participation into account in grading.
### Credits, Grades, and Quality Points

The College requires 120 semester credit hours to be presented for graduation. Grades are assigned as follows:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Description</th>
<th>Quality Points</th>
<th>Affect GPA</th>
<th>Earn Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Excellent</td>
<td>4.0</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>A</td>
<td>Excellent(-)</td>
<td>3.7</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>B+</td>
<td>Good(+)</td>
<td>3.3</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>B</td>
<td>Good</td>
<td>3.0</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>B-</td>
<td>Good (-)</td>
<td>2.7</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>C+</td>
<td>Satisfactory(+)</td>
<td>2.3</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>C</td>
<td>Satisfactory</td>
<td>2.0</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>C-</td>
<td>Satisfactory(-)</td>
<td>1.7</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>D+</td>
<td>Poor(+)</td>
<td>1.3</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>D</td>
<td>Poor</td>
<td>1.0</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>D-</td>
<td>Poor(-)</td>
<td>0.7</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>F</td>
<td>Failure</td>
<td>0.0</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>P</td>
<td>Pass</td>
<td>0.0</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>CR</td>
<td>Credit</td>
<td>0.0</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>NC</td>
<td>No Credit</td>
<td>0.0</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>S</td>
<td>Satisfactory</td>
<td>0.0</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>U</td>
<td>Unsatisfactory</td>
<td>0.0</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>W</td>
<td>Withdrew</td>
<td>0.0</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>AU</td>
<td>Audit</td>
<td>0.0</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>I</td>
<td>Incomplete*</td>
<td>0.0</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>TR</td>
<td>Transferred</td>
<td>0.0</td>
<td>No</td>
<td>Yes</td>
</tr>
</tbody>
</table>

* Incomplete indicates that a substantial piece of Required work in a course has not been completed because of exceptional circumstances which merit an extension of time.

A minimum grade point average of 2.00 in the major and overall is required for graduation. Grade point averages are calculated to the second decimal point and are not rounded up or down. With specified exceptions, only graded work pursued at Sweet Briar is used in determining the grade point average. A minimum of two years of residence and 60 credit hours earned at Sweet Briar are required for the degree.

**Pass/Credit/No Credit Grading Option**

A student with a cumulative grade point average of at least 2.00 may, with the approval of her advisor and the instructor, choose to take a total of two courses on a “Pass/Credit/No Credit” basis. A student in her first term at Sweet Briar is not eligible for this option. Under this grading option, students who earn grades of “C-” or higher will receive a final grade of “P”; those who
earn grades of “D+,” “D,” or “D-” will receive a final grade of “CR;” and those who earn a grade of “F” will receive a final grade of “NC.” Courses offered on a P/CR/NC grading option only are excluded from the two courses limit.

Some academic departments have policies which further limit or prohibit the use of this grading option on courses that could count toward a major or minor. Consult the major and minor requirements listed under each department for such restrictions.

Course Repeats
If a student earns a grade below C- in a course, she may repeat the course. Course repeats are subject to the following conditions:

a) The repeated course must be the same course or its equivalent and must be taken at Sweet Briar College. Topical seminars repeated under this policy must have the same course content. When course content differs, the topical seminar may be repeated and is not subject to the conditions of this policy.

b) Grades for all course attempts will appear on the student’s transcript and will be included in all GPA calculations, but credit will be applied only once toward fulfilling degree requirements.

c) A student cannot repeat a course that is a prerequisite for a course already completed.

d) Grades earned in all course attempts will be included in the calculation for all honors.

e) Departments may designate a course as non-repeatable. This exclusion must be included in the course description in the Catalog.

f) Students must designate at the time of registration her intent to repeat a course under the conditions of this policy. Forms for this purpose are available from the Office of the Registrar.

Grade Reports
The Family Education Rights and Privacy Act of 1974 as Amended (FERPA) provides that academic transcripts may be furnished to parents (or legal guardians) of a student without the student’s written consent only when the parents establish the student’s status as a dependent according to the Internal Revenue Service code.

It is Sweet Briar’s expectation that each student should take the responsibility to inform her parents of her academic progress. However, if parents wish to receive copies of final grade reports, they should contact the Registrar’s Office for information on how to receive them.

Grade Appeal Policy
A student who feels that a grade reported to the Registrar’s Office is incorrect and is prepared to present evidence to support this grievance, must use the following procedure:
1. Initiate the procedure by voicing the complaint to the instructor before the end of the subsequent semester.

2. If the complaint is not resolved at the first level, the student may then take the matter to the chair of the department for mediation. If the instructor is the chair of the department, proceed to the next level.

3. If the matter is still not resolved at the department level, the student may then refer the matter to the Dean of the Faculty for further mediation.

The Dean will investigate the matter and take appropriate action. A grade may be changed only if such change is necessitated by a clerical error or other oversight. Grade changes are limited to the semester subsequent to that in which the work was done.

**Academic Eligibility and Class Standing**

Any student who fails to achieve a cumulative credit ratio of 2.00 at the end of any term will be reported by the Dean to the Eligibility Committee, which may place the student on academic warning, academic probation, academic suspension, or declare her ineligible to continue her college course. Normally, a student with a GPA below 1.80 shall be placed on academic probation.

The status of a student who has been placed on academic warning or academic probation for three consecutive semesters shall be reviewed by the Eligibility Committee, who may suspend the student or declare her ineligible to continue.

Students not making satisfactory progress toward the degree or who experience extreme academic difficulty in a given term may be placed on academic warning or academic probation even if their cumulative GPA is greater than 2.00.

No student on academic warning or academic probation may hold any extracurricular office or compete on club or varsity teams.

Class standing is determined by completion of credit hours as follows:

<table>
<thead>
<tr>
<th>Class</th>
<th>Credit Hours Earned</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Year</td>
<td>0.00-26.99</td>
</tr>
<tr>
<td>Sophomore</td>
<td>27.00-59.99</td>
</tr>
<tr>
<td>Junior</td>
<td>60.00-89.00</td>
</tr>
<tr>
<td>Senior</td>
<td>90.00 or more</td>
</tr>
</tbody>
</table>

**Satisfactory Progress Requirement**

Students must demonstrate progress toward the degree by completing a minimum number of semester hours and maintaining a minimum credit ratio. Only courses taken for credit will be
used in calculating the minimum hours earned: withdrawals, incompletes, and noncredit courses will not be included.

For full-time students, satisfactory academic progress is demonstrated by advancing to the next class each year. Students who fail to meet this standard are ineligible to receive need-based financial aid. They may regain eligibility to receive need aid once they regain satisfactory academic progress.

In the fall term of her fourth year, a student must have passed at least 87 semester credit hours, must have a cumulative credit ratio of not less than 1.90. In the fall term of her third year, a student must have passed at least 54 semester credit hours and have a cumulative credit ratio of not less than 1.80. In the fall term of her second year, a student must have passed at least 21 semester credit hours and have a cumulative credit ratio of not less than 1.70.

For part-time students, satisfactory progress is demonstrated by compliance with the following schedule:

<table>
<thead>
<tr>
<th>End of Year</th>
<th>Minimum semester hrs</th>
<th>Minimum GPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>16</td>
<td>1.70</td>
</tr>
<tr>
<td>2</td>
<td>34</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>54</td>
<td>1.80</td>
</tr>
<tr>
<td>4</td>
<td>75</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>97</td>
<td>1.90</td>
</tr>
<tr>
<td>6</td>
<td>120</td>
<td>2.00</td>
</tr>
</tbody>
</table>

Students who fail to meet this standard are ineligible to receive need-based financial aid. They may regain eligibility to receive need aid once they regain satisfactory academic progress. The academic progress of all students shall be monitored twice a year by the Eligibility Committee. The status of a student, who at the beginning of the academic year, has failed to demonstrate satisfactory progress toward the degree shall be reviewed by the Eligibility Committee, who shall place her on warning, probation, or declare her ineligible to continue at the college.

**Examinations**
Examinations are given in all courses at the end of each term, unless the instructor decides upon some other means of assessment. Students self-schedule their examinations within the period provided in the official calendar for the term. All tests and examinations are given under the Honor System. Violation of its requirements constitutes a serious offense.
Registration
Students, both new and returning, must complete their registration for courses on the dates specified by the Registrar’s Office each year. To carry more than 18 credit hours per semester, a student must have special permission from her advisor and the Dean.

Withdrawal from the College
A student who wishes to withdraw from college during the academic year must present to the Dean the written approval of her parents or guardian stating the reasons for withdrawal and must clear all financial obligations before her transcripts will be released.

Conduct
The College reserves the right to exclude at any time any student whose conduct or academic standing it regards as unsatisfactory.

Readmission to the College
Readmission after withdrawal from Sweet Briar is not automatic. To request readmission, students should write to the Dean of the Faculty.

Degree Requirements
The Sweet Briar Degree
Sweet Briar College is a student-centered college that values student participation in a significant constellation of learning experiences.

If you choose to study at Sweet Briar, you are electing to come to a college of liberal arts and sciences where earning its degree requires a certain depth and breadth in your selection of courses. Working with your academic advisor, you will plan your academic program to cover required skills, experiences, and knowledge areas, as well as to fulfill your particular needs and interests.

Sweet Briar College confers three undergraduate degrees, the Bachelor of Arts, the Bachelor of Science, and the Bachelor of Fine Arts. The Bachelor of Arts is available to all students; the Bachelor of Science or the Bachelor of Arts may be elected if your major is in the departments of biology, chemistry, environmental studies, mathematical sciences, physics and engineering or psychology. These departments list the specific requirements for each degree in the Sweet Briar College Catalog. The Bachelor of Fine Arts is available to students admitted to the fine arts program.

All candidates for a degree must meet graduation requirements, complete the General Education Program requirements, and satisfy specific requirements for a major program. Each
student is responsible for knowing the College's requirements and for planning an academic program to meet these requirements.

**Graduation Requirements**

To be eligible for a degree, a candidate must be enrolled as a full-time student (at least 12 academic credit hours) at Sweet Briar for a minimum of two years, including the senior year. Residence during the final year of the academic program is required except for students enrolled in a 3-2 program approved by the Faculty. The degree program is normally completed in four years. With the permission of the Eligibility Committee, an exceptionally qualified student may complete her degree program in as few as three years.

Each candidate must complete a minimum of 120 credit hours, of which at least 60 credit hours must be earned at Sweet Briar. These credits include General Education requirements and requirements for the major. Students must also successfully complete both FYS 101 (ARCHES I) and FYS 102 (ARCHES II) which are to be taken in the first and second semesters at Sweet Briar.

No student may count more than 51 credit hours in a single department toward the minimum requirements for a Sweet Briar degree. Courses taken to satisfy the first-year writing requirement do not count toward this 51-hour maximum. No more than 5 credits of PHED and/or RDPR courses with the general education designation of IV.3 will count toward the degree. Additional IV.3 courses in these departments may be taken but the credits above the maximum of 5 will not be applied toward the 120 credits required for a degree.

No more than 12 semester credit hours of internship/practicum credit may be counted toward a degree. No more that 18 semester credit hours of summer work may be counted toward a degree with the exception of students who have earned an Associate degree and transfer to Sweet Briar under an articulation agreement. These transfer students may have all Associate degree summer courses transferred according to the College's transfer credit policy. Transfer students for whom 18 or more summer credits are accepted, will not be allowed to apply additional summer credits taken after they enroll at Sweet Briar.

A degree candidate must obtain both a minimum cumulative grade point average of 2.00 (the equivalent of a “C” average), and a minimum 2.00 grade point average in her major(s) subject(s), including all courses taken in the department that can count towards the major(s), as well as all other courses which are applied to the major(s) requirements as stated in the *Catalog*. Each senior must pass the senior culminating exercise in her major(s) as designated by each department. This culminating exercise must be taken at Sweet Briar College.
General Education Requirements

The purpose of the General Education Program at Sweet Briar College is to provide all students with a common pattern of skills, experiences and knowledge, which prepares them to be informed, active members of the world community. The program goals include:

- To help students develop strong skills in communication and quantitative reasoning
- To provide experiences that enhance the academic program
- To clarify the basis for a broad liberal arts background
- To encourage students to reflect upon their goals and progress
- To integrate the various aspects of a Sweet Briar education in a comprehensive program

Students benefit more from the college experience if they understand the value of a liberal arts curriculum and actively cultivate, in and out of the classroom, their intellectual, cultural, physical, social and creative potential to prepare for a life of continual growth, responsibility and fulfillment. Students will be more confident of their ability to express their ideas, more competent to make decisions based on their enhanced knowledge of themselves and the world, and thus better able to derive the maximum benefits from their Sweet Briar education.

Students begin the General Education Program during their first year and follow it throughout their college career. The program is designed so that every student progresses beyond the skills, experiences and knowledge with which she entered Sweet Briar. The requirements are not completely separate — in many cases these areas will overlap and will coincide with the major and minor requirements.

The General Education Program has four components:

- First-Year Writing Requirement
- Skills Requirement
- Physical Activity Requirement
- Knowledge Areas Requirement

Faculty are encouraged to emphasize whenever possible the relationships between the different aspects of the General Education Program and their application across the curriculum, especially in the requirements for the respective majors. In this way the General Education Program and the major programs form a coherent, integrated educational experience.

First-Year Writing Requirement

During their first semester at Sweet Briar College, unless exempted from the first-year writing requirement by means of transfer credit or Advanced Placement credit, all students will be placed in ENGL 100 or ENGL 104, or, if they qualify after departmental review, in a 100-level writing-intensive literature course in the English Department. Students with transfer credit for a first-year writing equivalent course will be encouraged but not required to take a writing-
intensive course in the fall. Students placed in ENGL 100 must enroll in ENGL 104 the following semester.

**First-year Writing (3 credits)**
- Course designation is FYW
- Required of all students not exempted. (These courses do not apply to the 51-credit limit for courses in a single department)

**Skills Requirement**

The knowledge of different academic disciplines is not sufficient to prepare a student to function successfully in the world outside of college. The college graduate must also possess the oral, written, and quantitative skills with which to express ideas and interpret information. The difference between success and failure in the classroom, in the workplace, and in our personal interactions is often the ability to communicate clearly and effectively.

Quantitative reasoning skills also are essential at the personal and professional level in a world that is increasingly technological and analytical. Because oral, written, and quantitative reasoning skills are invaluable in any discipline, the teaching of these skills is a job that is shared by the whole faculty. Training and practice can make an enormous difference in our ability to make our meaning understood and our ability to understand what others are saying. This training should not end when a student completes her high school education or her first year of college. Development of these skills will continue throughout the college years, culminating whenever possible in the refinement of the skills in the major.

A course designated as "skills intensive" is one in which the skill itself is a focus of the class and not just one of the requirements. In a skill-intensive course, activities directly related to the skill should constitute a significant amount of class time. A course may fulfill more than one skill requirement. Courses that are skill intensive may also fulfill "Knowledge Area" requirements and may fit within a chosen major or minor. Skill-intensive courses will be indicated as such in the Catalog and Schedule of Courses.

Skill requirements can be met by transfer courses which are equivalent to Sweet Briar courses as determined by evaluation by the Registrar's Office in consultation as needed with departments and the Instruction Committee. The criteria for acceptance of these courses are:

1. By definition, the course must have a skills component that is an integral and substantial element of the course content
2. The skills component of such a course is essentially the same, regardless of the institution which offers it

**Oral Communications Requirement**

To increase her proficiency in oral communications, a student is required to pass at least two oral-intensive courses (for a total of at least 6 credit hours) at least one of which must be taken
for her major (or, in the case of multiple majors, for each of her majors). All oral-intensive courses must devote a significant amount of the classroom instruction to the development of oral skills. Effective oral communication in the classroom will vary and will require a range of simple to more complex skills according to different classroom environments.

**Written Communications Requirement**
To increase her proficiency in writing, a student is required to pass: the first-year writing requirement plus at least three other writing-intensive courses (at least 9 credit hours) including at least one course taken for her major (or, in the case of multiple majors, for each of her majors). While grammar is an important part of writing, a writing-intensive course is not a class in remedial grammar, but rather one whose larger aim is to help the student express herself clearly and forcefully in her writing.

Transfer students must complete the first-year writing requirement. In addition, transfer students are required to take one writing-intensive course for each year they attend Sweet Briar College. One of these courses must be in her major (or, in the case of multiple majors, in each of her majors).

**Quantitative Reasoning Requirement**
To increase her proficiency in using and analyzing quantitative information, a student is required to pass at least two courses (for a total of at least 6 credit hours) in which quantitative reasoning is itself a focus of the class. A significant amount of classroom instruction should be devoted to the training and practice of quantitative reasoning. While mathematics is an important part of quantitative reasoning, a course that targets quantitative reasoning is not a class in remedial mathematics. Quantitative reasoning includes the development of quantitative ability (arithmetic and data analysis), problem solving, and logical reasoning.

**Skills Requirements**

**Oral Communication (6 credits minimum)**
- Course designation is III.O
- One course must be in each declared major

**Written Communication [in addition to the first-year writing requirement] (9 credits minimum)**
- Course designation is III.W
- One course must be in each declared major

**Quantitative Reasoning (6 credits)**
- Course designation is III.Q

**Physical Activity Requirement**
It is through movement that the student explores her physical self, abilities, and limits. The process of discovery is as important as the end product, and may be experienced through organized sports, skills and fitness activities, outdoor adventure, or dance. A student must pass
2 credit hours of coursework in physical education, riding, or dance, emphasizing physical movement. The requirement may also be met by certain non-credit experiences, with approval of the appropriate department. The non-credit experience must be completed during the undergraduate years. In order to fulfill one quarter of the requirement, it must be comparable to a .5 credit activities course at Sweet Briar. Examples of non-credit experiences are:

- Coursework at the National Outdoor Leadership School (NOLS)
- Outward Bound experience
- Off-campus sports teams or competition
- Master classes in dance
- Workshops in movement (e.g. Alexander Technique, yoga)

**Physical Activity Requirement (2 credits)**
- Course designation is IV.3

**Knowledge Areas Requirement**

A liberal arts education provides a breadth of knowledge spread throughout many disciplines. To this end, students will take courses in each of eight different areas that are grouped by similar approaches. The areas chosen follow closely the mission of the College, which specifies that students learn to be aware of the achievements of the past, learn an appreciation of the arts, understand the methods of science, and become responsible members of a world community that is diverse and constantly changing. Broad knowledge will prepare them for an evolving society, and equip them to take leadership in its formation.

**Understand the cultures of Europe and the U.S. through a study of the past. (3 credits)**
- Course designation is V.1
- Uses historical methods of study which reveal patterns and meanings in European and U.S. cultures
- Takes an historical approach to political, social, or cultural events in either a broad or a narrow time period

**Develop critical insights and extend experiences through the study of literature. (3 credits)**
- Course designation is V.2
- Includes a range of literary works, either a broad survey, or a narrow and intensive focus on a few examples
- Examines both the form and the content of the work
- Teaches students to develop and defend critical judgments about the work

**Experience another culture through the study of a foreign language. (3-12 credits)**
- Course designation is V.3
- Examines aspects of culture, society, or literature, ancient or modern, that is taught in a foreign language course numbered 202 or above
Understand the world beyond the cultures of Europe and the U.S. (6 credits)
- Course designation is V.4
- Introduces students to alternate world views through the examination of the cultures of Africa, Asia, Latin America, or the Middle East

Understand how class, gender, ethnicity, and ethical and religious values affect world views and decision making. (3 credits)
- Course designation is V.5
- Examines how concepts like race, class, and gender are understood in cultures, religions, and/or historical eras
- Alternatively, encourages students to appreciate and apply ethical reasoning in various contexts

Understand creative expression through (a) the study and (b) the practice of the arts. (4-6 credits)
- Course designations are V.6a and V.6b. (Choose one course for 3 credits in "a" and one course for 1-3 credits in "b")
- Introduces students to different examples of excellence and examines the criteria for evaluation of an art form
- V.6a discusses the ideas expressed in specific works of art
- V.6b teaches students to produce their own work in a specific art form, applying techniques and expressing ideas creatively

Understand how economic, political, and legal systems shape the modern world. (3 credits)
- Course designation is V.7
- Examines contemporary economic and political institutional systems and their impact on the global community
- Takes an analytical approach to specific political and economic problems at the national and/or international level.

Understand the world through (a) scientific theory and (b) scientific experiment and observation. (7 credits)
- Course designations are V.8a and V.8b. (Choose 2 courses for 6 credits in "a" and a 1-credit lab in "b")
- V.8b must be satisfied in conjunction with a Knowledge Area V.8a course in biology, chemistry, engineering, environmental science, or physics
- V.8a introduces students to science through an examination of major ideas and discoveries by relating theories to the evidence upon which they are based
- V.8b teaches students to conduct a controlled experiment and to evaluate critically the design and the results of the experiment
Programs of Study

Majors and/or Minors

Anthropology (B.A. | Minor)
Archaeology (B.A. | Minor)
Biochemistry and Molecular Biology (B.S.)
Biology (B.A. | B.S. | Minor)
Business (B.A. | Minor)
Chemistry (B.A. | B.S. | Minor)
Classics (B.A. | Minor)
Dance (B.A. | B.F.A. | Minor)
Economics (B.A. | Minor)
Engineering Science (B.S. | Minor)
English (B.A. | Minor)
English and Creative Writing (B.A. | B.F.A. | Minor)
Environmental Science (B.S. | Minor)
Environmental Studies (B.A.)
French (B.A. | Minor)
Gender Studies (Minor)
Government (B.A. | Minor)
History (B.A. | Minor)
History of Art (B.A. | Minor)
International Affairs (B.A.)
Interdisciplinary Studies (Self-designed major) (B.A.)
Journalism, New Media and Communications (Minor)
Latin American Studies (Minor)
Liberal Studies (B.A.)
Mathematical Economics (B.A.)
Mathematics (B.A. | B.S. | Minor)
Medieval and Renaissance Studies (Minor)
Music (B.A. | B.F.A. | Minor)
Musical Theatre (B.A. | Minor)
Philosophy (B.A. | Minor)
Physics (B.A. | B.S. | Minor)
Psychology (B.A. | B.S. | Minor)
Religion (B.A. | Minor)
Sociology (B.A. | Minor)
Spanish (B.A. | Minor)
Studio Art (B.A. | B.F.A. | Minor)
Theatre (B.A. | B.F.A. | Minor)
Pre-Professional Programs

Pre-law
Pre-medicine
Pre-veterinary

Certificate Programs

Arts Management
Equine Studies

Graduate Programs

Master of Arts in Teaching (M.A.T.)
Master of Education (M.Ed.)

Courses of Instruction

Anthropology

Anthropology, the study of humankind, investigates the entire range of the human experience across cultures and over time. Its holistic approach encourages students to explore the relationships among production systems, age and gender roles, family and kinship relations, relations of power and inequality, and religious beliefs in societies throughout the world. Cultural anthropology examines ritual, symbols, cosmological systems, forms of social organization, economics, and politics from a cross-cultural perspective. The department offers major and minor programs in anthropology.

The Anthropology Major
(34 semester hours)

Required:
ANTH 221 (3) Culture, Society, and the Individual
ANTH 224 (3) Ethnography
ANTH 328 (3) Ritual and Worldview

Senior Exercises:
ANTH 451 (1) Senior Workshop in Anthropology and Archaeology
ANTH 452 (3) Senior Seminar

Choose 1 of the following courses:
ANTH 215 (3) Peoples and Cultures of Africa
Choose 1 of the following courses:

ANTH 322 (3) Food, Culture, and the Environment
ANTH 334 (3) Gifts and Commodities

And choose 5 additional three-credit courses in anthropology excluding internships. No more than one directed, special, or independent study may be counted toward the major. Students may apply one archaeology course, excluding ARCH 115, to the major in anthropology.

NOTES: Students choosing to declare majors in both anthropology and archaeology may use ANTH 452 for only one of the majors. The senior exercise for the other major may be an independent study approved by the advisor.

At least four courses (including ANTH 328, ANTH 451, and ANTH 452) must be advanced courses numbered at the 300-level or above.

With the exception of ANTH 451, no course used to fulfill major requirements may be taken on a P/CR/NC grading option. Additional information about the P/CR/NC grading option is available under the Academic Regulations heading of the catalog.

The Anthropology Minor
(18 semester hours)

Choose 6 three-credit courses in anthropology excluding internships. At least two three-credit courses must be at or above the 300-level.

NOTE: No more than one directed, special, or independent study may be counted toward the minor. Neither ANTH 451 nor ANTH 452 may be counted toward the minor.

Course Descriptions

ANTH 112 – Cultural Anthropology (3)
Prerequisite: Not open to seniors. (ANTH 112H is open to seniors). A broad, general introduction to selected concepts and topics in cultural anthropology through ethnographic accounts of societies from different world regions. Questions about differing social practices and cultural values will be explored, along with questions about how anthropologists examine the objects of their studies and critical examination of analytical concepts such as culture, tradition, ritual, and kinship. The course is designed primarily for first- and second-year students. V.4

ANTH 114 – Introduction to Archaeology (3)
An introduction to the theory and methods of anthropological archaeology and a survey of some of the prehistoric societies in different parts of the world. III.Q, V.1
ANTH 215 – Peoples and Cultures of Africa (3)
An exploration of anthropological approaches to Africa, focusing on selected societies. The course examines the dynamism of African cultures and their engagement with the world system in various domains. Among possible topics in the course are engagements with colonialism and globalization, art and aesthetics, social organization, ideas of the state, health and healing, religion and worldview, personhood and sentiments, and gendered experiences. V.4

ANTH 221 – Culture, Society, and the Individual (3)
Prerequisite: Not open to first-year students. An introduction to the theoretical foundations of anthropology. We examine the emergence of specific problematics in anthropology: What is the relationship of the individual to society? To culture? What are the implications of talking about society as structured? About cultures as different? How do we account for change and diversity? The course introduces these questions through the examination of theoretical sources and supplemented by some ethnographic studies. V.5

ANTH 224 – Ethnography (3)
Prerequisite: ANTH 112 or one 200-level ANTH course. A critical evaluation of the ways anthropologists study Western and non-Western cultures and the ways anthropologists shape coherent narratives. A practical introduction to fieldwork techniques, ethnographic methods, ethical dilemmas, and the conventions of anthropological writing. III.W, V.5

ANTH 233 – Cultural Perspectives on the Family and Society (3)
Prerequisite: ANTH 112 or one 200-level ANTH course; instructor permission may be given to students who have taken upper-level social science courses. An examination of the ideas associated with the family in anthropology and in different societies, of relationships within the family and between families and larger society, and of how such relationships are inventively lived in different cultures in historical and contemporary times. Among other topics, the course may examine ideas of motherhood and fatherhood; descent and relationship; intra- and international adoptions; new reproductive technologies; and the ideas associated with the family in national, business, religious, and other community discourses. Offered alternate years. V.5

ANTH 238 – The Anthropology of Globalization (3)
This course takes a critical look at globalization, both as an idea about the current moment, and how people respond to and create contemporary changes. We will pay particular attention to global markets and the flow of people, goods and ideas; neoliberalism and the rise of non-state global agencies; the work of the imagination; the apparent contrast between “the global” and local knowledge; and the place of the intimate in world-wide change. V.4, V.7

ANTH 241 – Gender and Society (3)
What is gender, as a natural or social phenomenon? How do gendered practices shape social relations? Are gender differences always linked to notions of sexuality and sexual practice? Is hierarchy always established by the dominance of one gender over another? In this course we investigate primate models of gendered behavior, and the history of the early human family from evolutionary and social perspectives. The role of heterosexuality, bisexuality, and homosexuality
in human society are examined from archaeological sources as well as in contemporary
ethnographic case studies. *May be counted toward the major in archaeology and as an auxiliary
course toward the minor in gender studies.* Offered alternate years. III.W, V.5

**ANTH 261 – Directed Study (1, 2, 3)**  
*Prerequisites: One ANTH course and permission of the instructor.* The study of introductory
level material by an individual student or by a small group of students under the immediate
supervision of a faculty member.

**ANTH 268 – Peoples and Cultures of the Mediterranean (3)**  
An area survey of selected Mediterranean societies, including the comparative analysis of
selected European, Middle Eastern, and North African cultures. An examination of the central
concepts in the social anthropology of this region: honor and shame, the roles of family and
kinship, and systems of stratification. Offered alternate years. V.5

**ANTH 272 – Peoples and Cultures of the Middle East (3)**  
An exploration of various anthropological perspectives on selected Middle Eastern societies.
Among topics that may be covered are gender, family and society, religion and secularism,
transformations of class, media and society, age and the life-course, and Middle Eastern
modernities. Offered every two years. V.4, V.5

**ANTH 281 – Visual Anthropology (3)**  
*Prerequisite: ANTH 112, ENGL 149, or ENGL 150.* This course explores images of the cultural
other, as seen in ethnographic and documentary films and photographs. How do photographs,
art, exhibits, and museums reinforce stereotypes of “the primitive” and “the exotic?” In what
ways are visual media used to create ethnographic texts and representations? The course will
address these topics through film screenings, discussions, and readings as well as video
production. V.5

**ANTH 282 – Anthropology and the Body (3)**  
*Prerequisite: ANTH 112 or one 200-level ANTH course.* A detailed exploration of the body as a
cultural construct and as a field of practices. The course will examine how the body is imagined
through a variety of discourses, including disease, illness and healing; ritual; aesthetics; age
and gender; modification and training; and as part of the political domain. V.5

**ANTH 322 – Food, Culture, and the Environment (3)**  
*Prerequisite: A 100- or 200-level course in ANTH or ARCH, or ENVR 101.* This course covers
the origins of food production and changing foodways over time and across geographical
regions. The place of food in human prehistory and history, ritual and family life, and in the
global economy will be examined. The course will investigate issues such as food shortages,
hunger and famine, and food security in the contemporary world; the implications of food
biotechnology and GMOs; and food movements such as slow food, organic, and local foods.
*May be counted toward the major in archaeology.* Offered alternate years. V.4
ANTH 325 – Special Topics in Anthropology (3)
Prerequisites: Two ANTH courses, at least one of which is at the 200-level or above. An intensive study of a selected topic in anthropology, to be determined by the students and the instructor.

ANTH 328 – Ritual and Worldview (3)
Prerequisites: Two ANTH courses, at least one of which is at the 200-level or above. A study of how ritual and religious symbolism define cultural categories and individual experiences. The course will focus on initiation and death ritual, taboo, witchcraft and other idioms of affliction, and some of the theories anthropologists have used to interpret religious behavior and ideas.

ANTH 334 – Gifts and Commodities: The Construction of Value in Social Life (3)
Prerequisites: Two ANTH courses, at least one of which is at the 200-level or above. How do objects, such as gifts, money, commodities, art and aesthetic products, become “valued?” How do exchanges of valued objects shape relationships among people? The place of value and exchange in everyday life is examined through classic statements (for example by Marx, Mauss, and Simmel), and also in selected ethnographies. Offered alternate years.

ANTH 338 – Memory, Commemoration, and Heritage (3)
Prerequisites: Two 200-level courses in ANTH or ARCH. This course takes up the question of how and what societies remember. We examine the social contexts of memory and the practices through which memory is channeled in the past and in the present. We look at the material constructions designed to commemorate events, people, and the past generally, including burials, memorials, rituals, and re-enactments and recreations. We explore the ways in which people recently have sought to transform the past into "heritage," asking both why and how heritage becomes such a concern today. May be counted toward the major in archaeology. Offered alternate years.

ANTH 361 – Special Study (1, 2, 3)
Prerequisites: Three ANTH courses, at least one of which is at the 200-level or above, and permission of the instructor. The study of an intermediate level topic by an individual student or by a small group of students under the immediate supervision of a faculty member.

ANTH 377 – Internship (1, 2, 3)
Prerequisites: Three credits in ANTH and permission of instructor and department chair. This course is graded P/CR/NC only.

ANTH 451 – Senior Workshop in Anthropology and Archaeology (1)
Prerequisites: Open to ANTH and ARCH majors. A fall term workshop for students planning to take ANTH 452 in the spring term. In the course we will plan the senior seminar, and plan research projects for the spring, including assembling bibliographies, and research materials, and developing research proposals for review by the department. We also discuss career
planning and how the anthropology and archaeology majors have prepared students for a variety of post-graduation paths. This course is taken on a P/CR/NC grading option only.

**ANTH 452 – Senior Seminar (3)**  
*Prerequisite: ANTH 451.* An examination of core concepts and analytical methods in anthropology through focused discussion of contemporary scholarship and through student senior research projects. **III.O, III.W**

**ANTH 461 – Independent Study (1, 2, 3)**  
*Prerequisites: Three ANTH courses, at least one of which is at the 300-level, and permission of the instructor.* Pursuit of an upper level research project determined in advance by the student in consultation with a faculty member who will act as the sponsor.

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**Archaeology**

Archaeology explores societies and cultures of the past through their material remains. Such remains include monumental and occupational sites, artifactual and natural materials, and environmental landscapes and rock art. The department’s major and minor in archaeology take an anthropological approach to understanding past societies, while also allowing students to explore archaeological approaches in other disciplines such as classical studies, history, and museum studies. Students learn technical aspects of archaeological work, and explore the theory and methods used by archaeologists to interpret the material remains of the past. Courses cover both prehistoric and historic archaeology, and topics such as the social evolution of societies and the archaeology of death, gender, and everyday life. The final component of the major and minor is participation in an archaeological field program or internship, providing experience in the methods of archaeological excavation and analysis.

**The Archaeology Major**  
(32-35 semester hours)

**Required:**

ANTH 114 (3) Introduction to Archaeology  
ANTH 221 (3) Culture, Society, and the Individual  
ARCH 115 (3) Archaeological Methods  
ENVR 316 (3) Geographic Information Systems I

**Senior Exercises:**

ANTH 451 (1) Senior Workshop in Anthropology and Archaeology  
ANTH 452 (3) Senior Seminar

**Choose 1 of the following courses:**

MATH 106 (3) Statistical Reasoning  
MATH 205 (3) Applied Statistics
Choose 1 of the following:
ARCH 377 (1-3) Internship
An approved off-campus field school

Choose 1 of the following courses:
ANTH 224 (3) Ethnography
ARCH 317 (3) Historical Archaeology

Choose 2 of the following courses:
ANTH 241 (3) Gender and Society
ANTH 338 (3) Memory, Commemoration, and Heritage
ARCH 207 (3) Rise and Fall of Civilizations
ARCH 265 (3) Archaeology of Everyday Life
ARCH 310 (3) Archaeology of Death
ARCH 317 (3) Historical Archaeology (if not chosen above)
ARTH 232 (3) Greek Art and Archaeology
ARTH 234 (3) Roman Art and Archaeology

Choose 1 of the following courses:
ANTH 322 (3) Food, Culture, and the Environment
BIOL 104 (3) Plants and Human Affairs
ENVR 143 (4) Physical Geography: Landscapes

NOTES: Students choosing to declare majors in both anthropology and archaeology may use ANTH 451 and ANTH 452 for only one of these majors. The senior exercise for the other major may be an independent study if approved by the advisor.

At least 4 courses (12 credits) elected for the major, including ANTH 452, must be at the 300-level or above.

The Archaeology Minor
(18-19 hours)

Required:
ANTH 114 (3) Introduction to Archaeology
ARCH 115 (3) Archaeological Methods
ARCH 265 (3) Archaeology of Everyday Life

Choose 2 or more of the following courses:
ANTH 241 (3) Gender and Society
ANTH 338 (3) Memory, Commemoration, and Heritage
ARCH 207 (3) Rise and Fall of Civilizations
ARCH 310 (3) Archaeology of Death
ARCH 317 (3) Historical Archaeology
Choose 1 or more of the following courses:

ANTH 322  (3)  Food, Culture, and the Environment
ARTH 232  (3)  Greek Art and Archaeology
ARTH 234  (3)  Roman Archaeology and Art
BIOL 104  (3)  Plants and Human Affairs
CLAS 205  (3)  Ancient Greece
CLAS 208  (3)  Society and Culture in the Roman Empire
ENVR 143  (4)  Physical Geography: Landscapes
ENVR 316  (3)  Geographic Information Systems I
HIST 135  (3)  America, Origins to 1877
HIST 214  (3)  Building the Past
HIST 223  (3)  The Ancient World, 8000 BC to 300 AD
HIST 225  (3)  The U.S. South
HIST 308  (3)  Encounters, Conquest and European Expansion, 1350-1650
HIST 312  (3)  Virginia: History and Memory

Other courses approved by the advisor

NOTE: At least six credit hours must be at the 300-level or above.

Course Descriptions

ARCH 115 – Archaeological Methods (3)
Prerequisite: ANTH 114 or one course in ARCH. An introduction to archaeological methods and practices, including field survey and excavation, background research, laboratory conservation and analysis, preparing project proposals, and knowledge of federal and state regulations. Students are required to participate in some weekend activities. III.Q

ARCH 207 – Rise and Fall of Civilizations (3)
This course focuses on the emergence of complex societies in the Old and New Worlds (such as, the Mesopotamians, Egyptians, Harappans, Aztecs, Mayans, and Inkans). Topics include the origins of agriculture and its effect on society, the shift from egalitarian societies to those with social ranking, the rise of cities, and the origins of writing. By highlighting the variability in preindustrial civilizations, the course examines the role of cultural values in shaping the organization of early societies. III.O, V.1

ARCH 261 – Directed Study (1, 2, 3)
Prerequisites: One ARCH course and permission of the instructor. The study of introductory level material by an individual student or by a small group of students under the immediate supervision of a faculty member.

ARCH 265 – Archaeology of Everyday Life (3)
What was daily life like in the past? What can archaeology tell us about the occupations, influences, and challenges that men, women, and children experienced in past societies such as Babylon, Akhetaten, London, Pompeii, or Virginia plantations? Topics of study include the patterning of household activities (family life, craft production, child rearing, and diet), social
interactions (between genders and among elites, peasants, and slaves), and ethnic and religious affiliations. V.5

ARCH 310 – Archaeology of Death (3)
Prerequisites: ANTH 114 and one ARCH course at the 200-level or above. Death is a universal human experience, yet mortuary rituals and burials vary cross-culturally. In this class we consider how archaeologists encounter and interpret death in societies worldwide. Topics include tombs, mummies, funerals, cemetery landscapes, gravemarkers, war memorials, and mortuary symbolism. Offered alternate years.

ARCH 317 – Historical Archaeology (3)
Prerequisites: ANTH 114 and one ARCH or HIST course at the 200-level or above. This course uses archaeology and material culture to go beyond documentary histories. Historical archaeology traditionally examines western colonial and industrial societies, illuminating the lives of “people without history” in those societies, and sometimes questioning the documentary record. This course also extends historical archaeological methods and theories to non-western sites and peoples. Offered alternate years. V.1

ARCH 361 – Special Study (1, 2, 3)
Prerequisites: Two ARCH courses (which may include ANTH 114), at least one of which is at the 200-level, one additional ANTH or ARCH course, and permission of the instructor. The study of an intermediate level topic by an individual student or by a small group of students under the immediate supervision of a faculty member.

ARCH 377 – Internship (1, 2, 3)
Prerequisites: Three courses listed for the major in archaeology, including at least one ARCH course at the 200-level or above, and permission of instructor, department chair, and dean. This course is graded P/CR/NC only.

ARCH 461 – Independent Study (1, 2, 3)
Prerequisites: Three courses listed for the major in archaeology, two of which must be ARCH courses and one of which must be at the 300-level, and permission of the instructor. Pursuit of an upper level research project determined in advance by the student in consultation with a faculty member who will act as the sponsor.

Arts Management

The Arts Management Program is coordinated with a major in art history, studio art, music, dance, theatre arts, English, English and creative writing, modern languages and literatures, anthropology, or history. The purpose of the program is to give students theoretical knowledge and practical experience in arts management and museum studies within the framework of a liberal arts education. Candidates may enter the program at the time they declare their major, usually at the end of the sophomore year. A minimum cumulative grade point average of 2.300 is
required. Selection will be based on an interview with the program director and the chair of the department in which the student is majoring.

**The Arts Management Certificate**
(21-23 semester hours)

**Required:**
- ARMG 105 (4) Introduction to Arts Management
- ARMG 141 (1) Arts Management Practicum I
- THTR 102 (3) Public Speaking

**Choose 1 of the following courses:**
- ARMG 341 (3) Arts Management Practicum III
- ARMG 377 (3) Internship

**Choose 1 of the following courses:**
- ARMG 121 (1) New York Arts
- IART 101 (1) Fine Arts Workshop

**Choose 1 of the following courses:**
- ARMG 213 (3) Introduction to Museums: History and Practice
- ARMG 217 (3) Performing Arts Management
- ARMG 221 (3) The Art and Antiquities Marketplace
- ARMG 311 (3) Leadership of Arts Organizations

**Choose 2 additional three-credit courses in arts management and/or courses from the following electives:**
- ARTS 213 (3) Digital Design I
- BUSN 127 (4) Accounting I
- BUSN 150 (4) Marketing and Social Media
- BUSN 205 (4) Management and Human Resources
- PHIL 236 (3) Philosophy and the Arts
- THTR 202 (3) Business and Professional Speaking

**NOTE:** For the arts management certificate, the P/CR/NC grading option may not be exercised for required ARMG courses. Additional information about the P/CR/NC grading option is available under the Academic Regulations heading in this catalog.

**Course Descriptions**

**ARMG 105 – Introduction to Arts Management (4)**
This course provides students with an introduction to a variety of topics they will encounter when pursuing the certificate in arts management, including public policy and the arts, the economic structure of markets in various branches of the arts, and the issues and trends
affecting arts management professionals. Content will be covered through readings, discussions, guest speakers, and 20 hours of hands-on fieldwork in an arts organization or facility located on or off campus. III.O, III.W

ARMG 121 – New York Arts (1)
Prerequisites: ARMG 105 and permission of the instructor. This weeklong, intensive course in New York City will provide students with critical appreciation for a broad spectrum of major cultural institutions focused on visual arts, dance, theatre, and music. Students will attend performances, and engage in discussions with arts managers and artists. This course will be offered before classes resume in January or during Spring Break. Students are responsible for the cost of their transportation as well as lodging, meals, and tickets estimated at $1000.

ARMG 141 – Arts Management Practicum I (1)
Prerequisites: ARMG 105 and permission of the instructor. Very focused practicum of study centering around a single project, for example, the development of a specialized museum tour, and pre- and post-visit study materials for the same. Assigned readings will accompany the practicum project. A minimum of 40 hours is required. This course if offered on a P/CR/NC grading option only.

ARMG 213 – Introduction to Museums: History and Practice (3)
Prerequisite: ARMG 105. This course combines a comprehensive history of museums with an introduction to museological theory, museum management, and professional standards. Students will examine the critical issues surrounding nonprofit museum collections, exhibitions, programs and education, conservation, governance, and ethics. III.O, V.6a

ARMG 217 – Performing Arts Management (3)
Prerequisite: ARMG 105. In this seminar, students gain an understanding of the various aspects of managing performing arts organizations. Topics covered include cultural policy; governance, mission, capacity building, and personnel management; the role of development, fundraising, and grant writing; programming, audiences, and marketing; strategic planning; financial management; capital planning; evaluation of outcomes; non-profit status, tax and legal issues for organizations; and education and lifelong learning. Teaching will be both theoretical and practical, employing case studies, and by the end of the course, student arts managers will have developed a portfolio associated with the topics covered that will serve them in their pursuit of internships and employment with performing arts organizations. Offered alternate years. III.W, V.6a

ARMG 221 – The Art and Antiquities Marketplace (3)
Prerequisite: ARMG 105. This course will provide students with a general understanding of the history and operation of the art and antiquities marketplace in the United States. Topics covered include legal and ethical issues, tax policy, connoisseurship, authentication, and the socio-economic impact of the art and antiquities business. Not open to students who have already earned credit for ARMG 306. Offered alternate years. III.W, V.6a
ARMG 241 – Arts Management Practicum II (2)
*Prerequisites: ARMG 105 and permission of the instructor.* Students will be introduced to the practical aspects of presenting artistic events on the campus. Projects will include the organization, promotion, and mounting of exhibitions, the booking and promotion of concerts, theatre, or dance productions, or other appropriate arts activities. A minimum of 80 hours is required. This course is offered on a P/CR/NC grading option only.

ARMG 261 – Directed Study (1, 2, 3)
*Prerequisites: One ARMG course and permission of the instructor.* The study of introductory level material by an individual student or by a small group of students under the immediate supervision of a faculty member.

ARMG 311 – Leadership of Arts Organizations (3)
*Prerequisite: ARMG 105.* This seminar is designed to integrate theory, practice, and skills on topics critical to preparing leaders in a non-profit arts organization. Participants will examine their own leadership ideas, styles, and behaviors in relation to general principles and to their own organizational context. Student arts managers will also be expected to help their colleagues achieve their objectives through collaborative work, discussions, consultation, and feedback. Offered alternate years. III.O, V.6a

ARMG 321 – Fundraising and Development in the Arts (3)
*Prerequisite: ARMG 105.* This course examines the fundraising process in non-profit arts organizations. This includes major theoretical foundations and general fundraising principles as well as a variety of fundraising techniques, sources of donations, and key aspects of managing the fundraising and development process. The course combines applied and conceptual study, and provides students with opportunities to apply concepts and techniques through assignments and projects. Offered alternate years.

ARMG 341 – Arts Management Practicum III (3)
*Prerequisites: ARMG 105 and permission of the instructor.* An intensive apprenticeship in a particular area of the arts, such as exhibitions, cataloging, booking and promoting theatrical events, or an internship at an arts organization outside the college. A final portfolio or record of the project must be presented at the completion of the course. The practicum will be supervised by the Program Director, or other appropriate faculty members. A minimum of 120 hours is required. This course is offered on a P/CR/NC grading option only.

ARMG 361 – Special Study (1, 2, 3)
*Prerequisites: One 100-level ARMG course and permission of the instructor.* The study of an intermediate level topic by an individual student or by a small group of students under the immediate supervision of a faculty member.

ARMG 377 – Internship (1, 2, 3)
*Prerequisites: ARMG 105, one additional course ARMG, and permission of instructor and department chair.* This internship provides students with professional experience in a cultural or
creative enterprise or in an organization that services the cultural or creative industries. Internship opportunities may include, but are not limited to, dance companies, theatre companies, galleries, municipal cultural affairs agencies, museums, opera companies, orchestras, presenting organizations, foundations, producing organizations, or trade organizations. This course is graded P/CR/NC only.

**ARMG 461 – Independent Study (1, 2, 3)**

*Prerequisites: One 100-level ARMG course, one 200-level ARMG course, and permission of the instructor. Pursuit of an upper level research project determined in advance by the student in consultation with a faculty member who will act as the sponsor.*

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**Art History**

Courses in the history of art provide the student with an understanding of art and architecture in a cultural context. The student will be introduced to the means by which art can be critically observed, intelligently analyzed, and knowledgeably discussed. ARTH 115, Survey of Art History I, and ARTH 116, Survey of Art History II, provide a survey of art from prehistoric times to the present and are the prerequisites to most upper level courses.

Students considering majoring in art history should plan to complete ARTH 115 and ARTH 116 by the end of their sophomore year. Of value to art history majors are courses in literature, religion, philosophy, classical civilization, and history. A required course in studio art is intended to give students some practical knowledge of how a work of art is produced.

For any student contemplating graduate study or a career in which a knowledge of the history of art is essential (for example, work in museums or galleries, and in auction houses), a reading knowledge of at least one of the following languages is strongly recommended: French, German, Italian, Spanish (depending on area of interest).

**The History of Art Major**

(36 semester hours)

**Required:**
- ARTH 115  (3)  Survey of Art History I
- ARTH 116  (3)  Survey of Art History II

**Senior Exercise:**
- ARTH 452  (3)  Senior Seminar

**Choose 2 three-credit courses** in Area I, Ancient and Medieval, of which 1 course must be at the 300-level.

**Choose 2 three-credit courses** in Area II, Renaissance and Baroque, of which 1 course must be at the 300-level.
Choose 2 three-credit courses in Area III, 18th Century to the Present, of which 1 course must be at the 300-level.

Choose 2 additional three-credit courses in art history.

Choose 1 of the following studio art courses:
ARTS 101 (3) Introduction to Studio Art
ARTS 110 (3) Two-Dimensional Design
ARTS 115 (3) Sculpture I

NOTE: 5 courses (15 semester hours) in art history must be taken at Sweet Briar College.

The History of Art Minor
(18 semester hours)

Required:
ARTH 115 (3) Survey of Art History I
ARTH 116 (3) Survey of Art History II

Choose 4 additional three-credit art history courses. Two of these courses must be at the 300-level and must be selected from 2 of the 3 areas.

Course Descriptions

ARTH 115 – Survey of Art History I (3)
An historical and analytical introduction to the history of art, covering the period from prehistory to ca. 1350 CE, that considers representative objects and monuments in their context and proposes ways of understanding visual evidence. V.1, V.6a.

ARTH 116 – Survey of Art History II (3)
An historical and analytical introduction to the history of art, covering the period from ca. 1350 CE to the present, that considers representative objects and monuments in their context and proposes ways of understanding visual evidence. V.1, V.6a.

ARTH 117 – The Visual Experience (3)
Understanding Art and Everyday Images An introduction to how we look at, analyze, and understand both art and “non-art” images encountered in everyday experience. V.6a

ARTH 204 – The Art of Northern Europe, 1400-1600 (3)
Area II, Renaissance and Baroque. Prerequisite: First-year students with permission. An introduction to the art of Northern Europe. Examples of painting, sculpture, architecture, and printmaking produced in the Netherlands, France, and Germany between 1400 and 1600 will be examined. Offered alternate years. V.1, V.6a
ARTH 211 – European Art c. 1700-1850 (3)
Area III, 18th Century to the Present. A study of developments in European painting and sculpture within trends called the Rococo, Sensibility, Neo-classicism, and Romanticism. Material will be considered within cultural and historical contexts. Offered alternate years. V.1

ARTH 213 – Early Renaissance Art in Italy (3)
Area II, Renaissance and Baroque. Prerequisite: First-year students with permission. An introduction to the art of the Early Renaissance in Italy. Examples of painting, sculpture, architecture, and printmaking produced in Italy between 1200 and 1500 will be examined. Offered every third semester. V.1, V.6a

ARTH 214 – High Renaissance and Mannerist Art in Italy (3)
Area II, Renaissance and Baroque. Prerequisite: First-year students with permission. An introduction to the art of the High Renaissance and Mannerist period in Italy. Examples of painting, sculpture, architecture, and printmaking produced in Italy between 1500 and 1600 will be examined. Offered every third semester. V.1, V.6a

ARTH 217 – European Art in the 17th Century (3)
Area II, Renaissance and Baroque. Prerequisite: First-year students with permission. An introduction to the art of Western Europe in the 17th century. Examples of painting, sculpture, architecture, and printmaking produced in Italy, France, Germany, Britain, Spain, and the Netherlands between 1600 and 1700 will be examined in detail. Offered every third semester. V.1, V.6a

ARTH 223 – Art of the Later Americas (3)
This course examines visual art produced in North, Central, and South America from the time of Columbus up to the present day. Offered alternate years. III.O, V.4, V.6a

ARTH 232 – Greek Art and Archaeology (3)
Area I, Ancient and Medieval. This course will examine the art of ancient Greece from the Bronze Age to the Hellenistic period. It will also study important archeological sites and reflect on the role played by archaeologists and art historians in the reconstruction of the past and the ways in which Greek art has been interpreted and explained in the modern era. Students will also have the opportunity to examine objects in Sweet Briar’s collection of classical antiquities. May be counted toward the major or minor in classical civilization, or the minor in archaeology.

ARTH 234 – Roman Art and Archaeology (3)
Area I, Ancient and Medieval. This course will cover Roman material culture (art and architecture) including its roots in Etruscan architecture and sculpture (8th-6th century B.C.), the development of portraiture during the Republic, the art and architecture of the Roman Empire (including Pompeii), and the art and architecture of the Constantinian period (4th century A.D.). Included will be readings and discussions regarding the problems of chronology and dating of ancient artifacts, as well as the use of ancient literary sources to place artifacts in their context. Students will do a project utilizing Sweet Briar’s classical antiquities collection. Offered alternate
years. May be counted toward the majors and minors in archaeology and classical studies. V.1, V.6a

ARTH 235 – Early Medieval Art (3)
Area I, Ancient and Medieval. Prerequisite: ARTH 115. The art and culture of Europe from the late Roman Empire to the “Year 1000.” Will include an examination of Islamic art and the art of the Byzantine Empire as well as that of Western Europe. Offered alternate years. V.6a

ARTH 237 – Asian Art (3)
Prerequisite: First-year students with permission. A survey of the arts of Asia, including architecture, sculpture, ceramics, metalwork, painting, printmaking, and calligraphy from the neolithic to the modern period. While this class will chart the course of technical and stylistic developments in these media, the primary focus will be on understanding the cultural and social contexts in which these arts developed. Offered alternate years. V.4, V.6a

ARTH 245 – Art of the Early Americas (3)
The course examines the arts of indigenous, pre-Columbian cultures in North, Central, and South America from pre-history to the arrival of Columbus. Offered alternate years. V.4, V.6a

ARTH 248 – African Art (3)
The course will cover the history of African art produced in various regions of the continent from prehistory to the present day. In addition, it will consider art created as the result of the African diaspora. The subject will be approached from a balanced viewpoint employing both art-historical and anthropological perspectives. V.4, V.6a

ARTH 253 – Early 20th-Century Art: Fauvism to Surrealism (3)
Area III, 18th Century to the Present. Prerequisite: ARTH 116. Developments in European art from c. 1900-1940. Major modern movements will be studied in a cultural and historical context. Recent critical approaches to the material will be considered. May be counted as a core course or as an auxiliary course toward the minor in gender studies. III.W, V.6a

ARTH 255 – Contemporary Art (3)
Area III, 18th Century to the Present. The course will focus on visual culture from a global viewpoint beginning around 1970 and continuing through the present day. Traditional art forms, such as painting, sculpture, and architecture, as well as art that draws from a wide variety of media, including digital, environmental, and body art, will be covered. Particular emphasis will be placed on art that is being produced at present. V.1, V.6a

ARTH 261 – Directed Study (1, 2, 3)
Prerequisites: One ARTH course and permission of the instructor. The study of introductory level material by an individual student or by a small group of students under the immediate supervision of a faculty member.
ARTH 274 – The Land as Art (3)
Using landscape as the unifying device, we will study how - through decoration, manipulation, or depiction - different cultures have responded to the land and the objects that populate it. Beginning in the prehistoric era and extending to the present day, the class will cover topics as diverse as the stone lines of the Nazca in Peru, the visionary paintings of the Aboriginal people of Australia, the nationalistic landscapes of J.M.W. Turner in Great Britain, the Zen rock gardens of Japan, and the feminist public art of the Garbage Girls in New York City. By becoming more aware of how the earth as been approached and treated by others, students will gain a greater understanding of how each of us fits into its larger system - as residents, collectors, and manipulators. This course is not open to students who have earned credit for HNRS 265. V.4, V.6a

ARTH 303 – Seminar on Women Artiste (3)
Area III, 18th Century to the Present. Prerequisite: One course in ARTH or GNDR. A study of women artists in Europe and the Americas in which considerable attention is paid to the cultural conditions in which these artists worked and the obstacles they encountered in making their art. Artists of the periods preceding the eighteenth century will be briefly introduced, but emphasis will be on the eighteenth, nineteenth, and twentieth centuries. Articles by feminist art historians and critics comprise the major portion of the reading list. May be counted as a core course toward the minor in gender studies. III.O, V.5, V.6a

ARTH 306 – Theories of Art (3)
Prerequisites: ARTH 115 and ARTH 116. The course focuses on philosophies of art in Western civilization, beginning with the Greeks and continuing until the present day. Particular emphasis is placed on twentieth-century art theory. While the relationship of visual art to theory will be studied, the primary focus is on the original theoretical texts. Offered alternate years. V.6a

ARTH 320 – Later 19th-Century art (3)
Area III, 18th Century to the Present. Prerequisite: ARTH 116; ARTH 211 recommended. A study of such major trends as Impressionism, Post-Impressionism, and symbolism within a cultural and historical context. Their importance as foundations of 20th-Century Modernism will be stressed. New critical approaches to the material will be considered. V.6a

ARTH 322 – Romanesque Art and Architecture (3)
Area I, Ancient and Medieval. Prerequisite: ARTH 115. A study of the art and architecture of Byzantium, Islamic cultures, and western Europe from the tenth through the twelfth centuries. Major themes we will consider are monastic life, growing urbanization, pilgrimage, the Crusades, and the role of women in society. Offered alternate years. III.W, V.1, V.6a

ARTH 336 – Studies in Medieval Art and Architecture (3)
Area I, Ancient and Medieval. Prerequisite: ARTH 115. Selected interdisciplinary topics in medieval art will be studied in depth. Course content will vary from year to year. May be counted toward the minor in Medieval and Renaissance studies. Not open to students who already have credit for ARTH 341 (taken in Spring 2011) or HNRS 260. V.1, V.6a
ARTH 338 – Gothic Art and Architecture (3)
*Area I, Ancient and Medieval.* **Prerequisite:** ARTH 115. This course will introduce students to the late medieval world where the arts of cathedral and court were influenced by urbanization, travel, rising levels of literacy, and changes in monarchy and religion. This course will include an examination of Islamic art and the art of the Byzantine Empire as well as that of Western Europe. Offered alternate years. **III.W, V.1, V.6a**

ARTH 340 – Topics in Renaissance and Baroque Art (3)
*Prerequisite:* First-year students with permission. **Area II, Renaissance and Baroque.** Selected topics in renaissance and baroque art will be studied in depth. Course content will vary from year to year. **Topic for Spring 2015: “Investigating Mary Magdalen.”** The course investigates the life, legends, and cult of Mary Magdalen. **V.1**

ARTH 341 – Seminar: Art and Theory in Renaissance Italy (3)
*Area II, Renaissance and Baroque. Prerequisite:* ARTH 116. Using both primary and secondary sources, the seminar will examine Italian Renaissance art in relation to contemporary art theory in the 15th and 16th centuries. Offered alternate years. **May be counted as a core course or as an auxiliary course toward the minor in gender studies. V.6a**

ARTH 344 – Seminar: Art and Theory in Baroque Europe (3)
*Area II, Renaissance and Baroque. Prerequisite:* ARTH 116. Using both primary and secondary sources, the seminar will examine Baroque art in relation to contemporary art theory in the 17th and early 18th centuries. Offered alternate years. **V.6a**

ARTH 354 – Later 20th-Century Art: Post World War II to the Present (3)
*Area III, 18th Century to the Present. Prerequisite:* ARTH 116. Post-war trends from Abstract Expressionism to Post-Modernism will be considered in their historical, cultural, and critical context. **III.W, V.6a**

ARTH 361 – Special Study (1, 2, 3)
*Prerequisites:* 100-level ARTH course and permission of the instructor. The study of an intermediate level topic by an individual student or by a small group of students under the immediate supervision of a faculty member.

ARTH 377 – Internship (1, 2, 3)
*Prerequisites:* Three credits in ARTH and permission of the instructor and department chair. This course is graded P/CR/NC only.

ARTH 452 – Senior Seminar (3)
*Prerequisite:* Open only to senior art history majors. An examination of selected topics in the history of art. Specific requirements of the course will be decided in consultation with the majors each year and may include papers, oral reports, and written examinations. This course is designated as the culminating exercise in the major and is required of all majors. **III.O, III.W, V.6a**
ARTH 461 – Independent Study (1, 2, 3)
Prerequisites: One 100-level ARTH course, one 200-level ARTH course, and permission of the instructor. Pursuit of an upper level research project determined in advance by the student in consultation with a faculty member who will act as the sponsor.

Asian Studies

Although no major or minor is offered in Asian studies, the courses below enable the student to gain some knowledge of the art, government, history, literature, and religion of selected countries of Asia.

Other courses of interest:
ANTH 270 – Peoples and Cultures of South Asia (3)
ARTH 237 – Asian Art (3)
RELG 221 – Hindus, Jinas, and Sikhs (3)
RELG 222 – Buddhism (3)
RELG 231 – Daoism (3)
RELG 263 – Asian Philosophies (3)

Course Descriptions

ASIA 206 – Chinese and Japanese Literature in Translation (3)
Prerequisite: First-year students by permission. A reading of works representative of the Chinese and Japanese literary traditions. Offered alternate years. V.2

ASIA 218 – Chinese Cinema (3)
Prerequisite: ENGL 149 or ENGL 150. A historical survey of Chinese cinema from 1900 to the present. Emphasis will be placed on the social, cultural, and political contexts of filmmaking in the 20th century, the relationship between film and literary movements, and the transition from film as an indigenous tool for entertainment and social engineering to film as globalized art form. Special emphasis will be placed on how Chinese filmmakers adapt global filmmaking techniques through six generations of directors/filmmakers. Offered alternate years. This course may not be taken on a P/CR/NC grading option. V.4

ASIA 235 – Asian Civilizations I (3)
Prerequisite: First-year students by permission. The civilizations of India, Nepal, Sri Lanka, Bangladesh, Pakistan. Significant periods in their social and political history; their religious, philosophical, and artistic traditions; and their interaction with Western culture. Offered alternate years. V.4

ASIA 236 – Asian Civilizations II (3)
Prerequisite: First-year students by permission. The civilizations of China and Japan. Significant periods in their social and political history; their religious, philosophical, and artistic traditions; and their interaction with Western culture. Offered alternate years. V.4
ASIA 261 – Directed Study (1, 2, 3)
Prerequisites: One ASIA course and permission of the instructor. The study of introductory level material by an individual student or by a small group of students under the immediate supervision of a faculty member.

ASIA 361 – Special Study (1, 2, 3)
Prerequisites: One ASIA course and permission of the instructor. The study of an intermediate level topic by an individual student or by a small group of students under the immediate supervision of a faculty member.

ASIA 461 – Independent Study (1, 2, 3)
Prerequisites: Two ASIA courses and permission of the instructor. Pursuit of an upper level research project determined in advance by the student in consultation with a faculty member who will act as the sponsor.

Biochemistry and Molecular Biology

Of all areas of modern science, the disciplines at the interface of biology and chemistry are developing most rapidly. Advances in the related fields of biochemistry and molecular biology have an enormous potential for promoting human knowledge in such diverse fields as medicine and agriculture. Thus the departments of biology and chemistry offer a major in biochemistry and molecular biology to students wishing to enter this exciting area. This program provides excellent preparation for graduate study in biochemistry, molecular biology, cell biology and related fields.

Biochemistry and Molecular Biology Major (B.S.)
(74 semester hours)

Required:
BIOL 112 (3) Introduction to Cells
BIOL 113 (1) Introductory Laboratory Techniques
BIOL 205 (3) Genetics
BIOL 228 (4) Microbiology
BIOL 342 (4) Cell and Molecular Biology
BIOL 344 (2) Experimental Laboratory in Cell and Molecular Biology
CHEM 131 (3) General Chemistry
CHEM 141 (1) General Chemistry Lab
CHEM 231 (3) Organic Chemistry I
Biology

Modern biology has evolved from its origins in natural history into one of the most complex, most rapidly changing, and most exciting of all the sciences. Biology today encompasses not only such traditional areas as anatomy and taxonomy, but also molecular genetics, immunochemistry, and sociobiology. Because today’s biologist must have an awareness of current developments in addition to a sound foundation in basic principles, Sweet Briar’s biology program emphasizes the application of new experimental discoveries to the fundamental questions of cellular, organismal, and population biology. A student who elects biology as her major subject may earn either the Bachelor of Arts or the Bachelor of Science degree.

The Biology Major (B. A.)
(36 semester hours)

Required:
BIOL 111 (4) Introduction to Organisms
BIOL 112 (3) Introduction to Cells
BIOL 113 (1) Introductory Laboratory Techniques

Senior Exercise
Choose 1 of the following:
BIOL 450 (1) Senior Exercise
Choose 27 additional semester hours in biology, including at least 10 semester hours at the 300-level or above (excluding BIOL 377), and an additional 14 semester hours at the 200-level or above. A maximum of 3 semester hours of BIOL 377 may be counted towards the major. BIOL 104 may be counted towards the major if it is taken as a first-year student or a sophomore.

NOTES: In consultation with their advisor, students are expected to select courses which provide them with breadth in biology, covering the areas of cellular and molecular, animal, plant, and population biology. It is strongly recommended that students also take at least one course in the physical or environmental sciences.

At least 20 semester hours of coursework applied towards the major must taken at Sweet Briar College.

The Biology Major (B.S.)
(62-63 semester hours)

Required:
BIOL 111 (4) Introduction to Organisms
BIOL 112 (3) Introduction to Cells
BIOL 113 (1) Introductory Laboratory Techniques
BIOL 205 (3) Genetics
BIOL 310 (4) Evolution
CHEM 131 (3) General Chemistry
CHEM 141 (1) General Chemistry Lab
CHEM 231 (3) Organic Chemistry I
CHEM 233 (1) Organic Chemistry I Laboratory

Senior Exercise:
BIOL 351 (3) Independent Research

Choose 1 of the following:
MATH 205 (3) Applied Statistics
PSYC 219 (4) Statistics for Behavioral Sciences

Choose 21 additional semester hours in biology, including at least 7 semester hours at the 300-level or above (excluding BIOL 377), and an additional 11 semester hours at the 200-level or above. A maximum of 3 semester hours of BIOL 377 may be counted towards the major.

Choose 12 additional semester hours in biology, chemistry (except CHEM 119, 120, 125), computer science, engineering, mathematics (except MATH 106, 113, 211, 213), physics (except PHYS 103, 113, 114), psychology, or from the following courses in environmental studies: ENVR 143, 203, 228, 244, 309, 316, 322, 416, and 433). Eight of these 12 credits must be in departments other than biology and chemistry.

NOTES: The BIOL 351 option for the senior exercise may be satisfied by completion of Sweet Briar College's...
Briar Summer Honors Research with a biology faculty member between the junior and senior year, or by participation in an approved NSF Research Experience for Undergraduates in a biological discipline between the junior and senior year.

At least 20 semester hours of coursework applied towards the major must taken at Sweet Briar College.

The Biology Minor
(18 semester hours)

**Required:**
- BIOL 111 (4) Introduction to Organisms
- BIOL 112 (3) Introduction to Cells
- BIOL 113 (1) Introductory Laboratory Techniques

Choose 10 additional semester hours in biology at the 200-level or above.

**NOTES:** No more than three credit hours of directed, special, or independent study may be applied toward the minor. Internship credits may not be applied toward the minor.

At least 9 semester hours of coursework applied towards the minor must be taken at Sweet Briar College.

Teacher Licensure

**Required:**
1. A bachelor of arts or bachelor of science degree in biology
2. Complete each of the following:
   - one course in plant biology (BIOL 104, BIOL 214, or BIOL 301)
   - genetics (BIOL 205)
   - ecology (BIOL 324)
   - two courses in zoology, and/or anatomy and physiology (any two of BIOL 216, BIOL 230, BIOL 247, or BIOL 326)
   - evolution (BIOL 310)
   - four courses in chemistry (CHEM 131, CHEM 141, CHEM 231, and CHEM 232)
   - physics (PHYS 171)
   - earth science (ENVR 143)
   - one course in mathematics or statistics (MATH 106, MATH 123, MATH 124, MATH 205, or PSYC 219)

Students who seek endorsement in more than one area of science need to complete an additional 18 credit hours in the second field which must include any specific requirements in that field.

Course Descriptions
BIOL 103 – Life Science by Inquiry (4)
*Prerequisite: Priority given to majors in liberal studies. Not open to first-year students.* Students will examine aspects of the scientific method including careful observation, experimental design, and data analysis using life science concepts. Topics will include organismal biology, ecology, cell biology, evolution, and genetics. Students will conduct hands-on, inquiry-based investigations and gain experience in independent investigation and the development and implementation of an independent scientific research project. This course may not be counted towards the major or minor in biology. V.8ab

BIOL 104 – Plants and Human Affairs (3)
*Prerequisite: Not open to junior or senior biology majors or minors.* An introduction to plants and their remarkable impact on diverse aspects of human activity. This course will explore the ways in which humans use plants for food, medicine, and other products; the role of plants in our environment; and the implications of plants in areas such as economics and human culture. Some topics will be based on student interest and may include current concerns such as world hunger, use of chemicals in agriculture, use of genetically-engineered foods, and uses of native plants. V.8a

BIOL 107 – Laboratory in Plants and Human Affairs (1)
*Prerequisite: Not open to junior or senior biology majors or minors.* Prerequisite or co-requisite: BIOL 104. An introduction to the scientific method and its application in plant biology. Observations and experiments will emphasize crop plants, plant growth and morphology, human impacts on natural systems, genetic engineering, and the properties of plant products. Students will present their findings in oral and written form. V.8b

BIOL 111 – Introduction to Organisms (4)
An introduction to organismal and population biology. Topics include genetics, evolution and ecology, and the interactions of organisms with their environment. Three hours lecture and one three-hour laboratory. V.8ab

BIOL 112 – Introduction to Cells (3)
*Prerequisite: BIOL 111.* An introduction to cell biology, including the chemistry of biological macromolecules, cell structure, function, and reproduction. Additional topics include genetic engineering, viruses and cancer, and the cellular basis of immunity. V.8a

BIOL 113 – Introductory Laboratory Techniques (1)
*Prerequisite or co-requisite: BIOL 112.* An introduction to basic methods and instrumentation in biology, emphasizing fundamental laboratory procedures. Techniques to be studied include light and electron microscopy, spectrophotometry, electrophoresis, and chromatography. The use of computer applications for the basic analysis and presentation of data is also examined. One three-hour laboratory. III.Q, V.8b

BIOL 147 – Human Anatomy and Physiology I (4)
Prerequisites: BIOL 111 and BIOL 112. Basic histology, anatomy (gross and microscopic), and physiology of the human integumentary, skeletal, muscular, nervous, and sensory systems. Human anatomy is studied using charts and models. Superficial anatomy is studied on the human body, and dissection examines homologous structures on the cat. This course may not be counted towards the major or minor in biology. Offered alternate years. Three hours lecture and one three-hour laboratory.

BIOL 205 – Genetics (3)
Prerequisite: BIOL 112. An introduction to gene action and the principles of inheritance. Topics include Mendelian genetics, chromosome theory, and molecular genetics, as well as recombinant DNA, extra-nuclear genomes, and population genetics. Four hours lecture and discussion. V.8a

BIOL 206 – Laboratory in Genetics (1)
Prerequisite: BIOL 113. Prerequisite or co-requisite: BIOL 205. A laboratory study of concepts in genetics ranging from classical to molecular genetics. Students learn to apply the tools of genetics to explore Mendelian and non-Mendelian inheritance patterns and to investigate the nature of DNA. The interpretation of quantitative data is explored using appropriate statistical analyses. One three-hour laboratory.

BIOL 209 – Marine Biology (3)
Prerequisites: BIOL 111 and BIOL 112. A survey of marine organisms and their adaptations to seawater chemistry, seafloor geology, and waves, tides, and currents. Our comprehensive survey of marine microbes, fungi, plants, invertebrates, and vertebrates will then enable us to discuss the ecology of specialized marine communities, such as kelp forests, polar seas, the open ocean, intertidal zones, seagrass beds, coral reefs, and the deep sea.

BIOL 214 – The Plant Kingdom (4)
Prerequisite: BIOL 104 or BIOL 111. A survey of the plant kingdom with emphasis on the flowering plants. The structure, reproduction, evolution, adaptations, and economic significance of the major plant groups will be covered. Three hours lecture and one three-hour laboratory. Offered alternate years. Ill.W, V.8ab

BIOL 216 – Insect Biology (4)
Prerequisite: BIOL 111. An introduction to insects and other terrestrial arthropods, with an emphasis on evolution, morphology, physiology, ecology and behavior. Offered alternate years.

BIOL 218 – Field Natural History (4)
Prerequisite: BIOL 111, or one course of laboratory science and permission. This course will develop three important traits of a scientific naturalist: skill at seeing patterns in nature and framing interesting questions about them; knowledge of the names, classification, and identifying characteristics of local organisms; and the understanding of a modern theoretical framework in ecology, evolution, and behavior. Offered alternate years. Three hours lecture and three hours laboratory or field work. V.8a
BIOL 221 – Principles of Animal Behavior (3)
Prerequisites: BIOL 111 and either one additional course in BIOL, or PSYC 219, or PSYC 251. An introduction to the control, development, evolution, and function of behavior. Not open to students who have already earned credit for BIOL 222. V.8a

BIOL 222 – Animal Behavior (4)
Prerequisites: BIOL 111; and one additional 3- or 4-credit BIOL course, or PSYC 219 or PSYC 231. An introduction to the causes, development, evolution, and function of behavior. Offered alternate years. Three hours lecture and a one-hour workshop. May be counted towards the major or minor in either biology or psychology. Not open to students who have already earned credit for BIOL 221. III.W, V.8a

BIOL 228 – Microbiology (4)
Prerequisites: BIOL 112, BIOL 113, and BIOL 205. Structure, physiology, and ecology of bacteria and other microorganisms. Three hours lecture and one three-hour laboratory. Offered alternate years.

BIOL 230 – Comparative Vertebrate Morphology (4)
Prerequisite: BIOL 111. First-year students by permission. Functional anatomy of vertebrates, with emphasis on evolutionary adaptations. Three hours lecture and one three-hour laboratory. V.8a

BIOL 247 – Human Anatomy and Physiology II (4)
Prerequisite: BIOL 147. Basic histology, anatomy (gross and microscopic), and physiology of the human cardiovascular, lymphatic, respiratory, digestive, urinary, and reproductive systems. Human anatomy is studied using charts and models. Superficial anatomy is studied on the human body, and dissection examines homologous structures on the cat. Offered alternate years. Three hours lecture and one three-hour laboratory.

BIOL 261 – Directed Study (1, 2, 3)
Prerequisites: One BIOL course and permission of the instructor. The study of introductory level material by an individual student or by a small group of students under the immediate supervision of a faculty member.

BIOL 301 – Plant Ecophysiology (4)
Prerequisites: BIOL 112, BIOL 113; and BIOL 104 or BIOL 214. An exploration of how plants respond and adapt to their environment. Topics include light responses and photosynthesis, reproduction, dormancy, hormonal regulation, soils and nutrition, plant defenses, and behavior. Students will conduct explorations and experiments in the laboratory and in campus natural areas. Three hours lecture and one three-hour laboratory. Offered alternate years.
BIOL 303 – Principles of Development (4)
*Prerequisites: BIOL 205 and either BIOL 214, BIOL 218, or BIOL 230. Sophomores by permission.* An examination of the processes by which a single cell, the fertilized egg, gives rise to a multicellular organism. The modern study of development relies heavily on the tools and perspectives of cell and molecular biology. This course will integrate these new methods and approaches with those of classical embryology in the study of several model organisms. Offered alternate years. III.O, V.8a

BIOL 310 – Evolution (4)
*Prerequisites: BIOL 205 and one additional BIOL course at the 200-level. Sophomores by permission. A good grasp of algebra will be assumed.* As the unifying principle of all biology, evolution overlaps genetics, molecular biology, anatomy and physiology, behavior, ecology, and development. This course will cover the processes responsible for the changes in living things over time; evidence demonstrating the shared evolutionary history of all living things; and the history of life on earth. Additional topics that may be covered include: co-evolution among species, human evolution, the origin of life, creationism. Three hours lecture and one hour discussion. III.O

BIOL 316 – Seminar in Conservation Biology (3)
*Prerequisite or Co-requisite: BIOL 324.* This advanced seminar will use case studies to explore the main threats to biological diversity: habitat loss and fragmentation, habitat degradation, introduced species, and overharvesting. Although the emphasis is on biological science issues, these will be examined as well in their social, economic, and political contexts. Readings and discussions will concentrate on the primary literature. Offered alternate years. III.O

BIOL 320 – Biomathematics (4)
*Prerequisites: BIOL 111, BIOL 112, MATH 124; and MATH 205 or PSYC 219.* This course addresses quantification skills for biomathematics, using mathematical models to investigate biological phenomena through analysis of experimental data. Skills developed include the ability to examine an unfamiliar problem, analyze it to determine the type of data necessary to address the problem, select the appropriate mathematical tools to be applied to the data, and evaluate the adequacy of the results. *May be counted as a 300-level course in mathematics.* Offered alternate years. V.8a

BIOL 324 – Ecology (4)
*Prerequisites: BIOL 111 or ENVR 101; and one 200-level lab course in biology or environmental science.* This course examines the interrelationships between individuals and their abiotic environment, among members of a population, and among populations in a given habitat or community. General principles and theories will be applied to a range of organisms, including plants, animals, microorganisms, and humans. Labs emphasize the collection and evaluation of numerical data to test hypotheses, and include field problems, computer models, and student-designed experiments. Three hours lecture and three hours laboratory/discussion. III.Q, V.8a
BIOL 326 – Comparative Animal Physiology (4)
Prerequisites: BIOL 112, BIOL 113, and BIOL 216 or BIOL 230; and one year of chemistry. Sophomores by permission. A study of animal function, with examples drawn from all the major phyla. Emphasis is placed on functional adaptations used by animals to overcome common environmental challenges, such as obtaining sufficient quantities of food, oxygen, and water. The roles of thermoregulation, osmoregulation, and animal sensory systems in maintaining homeostasis also are emphasized. Three hours lecture/discussion and one three-hour laboratory. Offered alternate years. III.Q

BIOL 342 – Cell and Molecular Biology (4)
Prerequisites: BIOL 205 and one year of chemistry. Sophomores by permission. An examination of recent work in major areas of cell biology including membranes, regulation, cellular compartmentalization, signal transduction, and cellular and molecular aspects of immunology and cancer. Three hours lecture and one hour discussion. Offered alternate years. III.W

BIOL 344 – Experimental Laboratory in Cell and Molecular Biology (2)
Prerequisites: BIOL 205, BIOL 206, and one year of chemistry; or CHEM 321 and permission of instructor. Sophomores by permission. An introduction to current techniques and modern experimental approaches used in the study of cells and their components. Includes electrophoretic and chromatographic analysis of DNA and proteins, organelle characterization, advanced techniques in light microscopy and photomicrography, and basic techniques of genetic engineering. One four-hour laboratory. Offered alternate years.

BIOL 351 – Independent Research (3)
Prerequisites: BS degree biology majors with senior standing and permission of the instructor. An independent research project selected and carried out in consultation with a faculty sponsor. A written report and an oral presentation are required. III.W

BIOL 361 – Special Study (1, 2, 3)
Prerequisites: 100-level BIOL course and permission of the instructor. The study of an intermediate level topic by an individual student or by a small group of students under the immediate supervision of a faculty member.

BIOL 377 – Internship (1, 2, 3)
Prerequisites: Three credits in BIOL and permission of instructor and department chair. This course is graded P/CR/NC only.

BIOL 450 – Senior Exercise (1)
Prerequisite: Senior B.A. biology major. An independent research project developed in conjunction with a 300-level biology course, with permission of the instructor. The project may involve field, laboratory, or library work. The senior exercise will include a substantial paper.

BIOL 461 – Independent Study (1, 2, 3)
Prerequisites: One 100-level BIOL course, one 200-level BIOL course, and permission of the instructor. Pursuit of an upper level research project determined in advance by the student in consultation with a faculty member who will act as the sponsor.

Business

The mission of the business program is to enable its graduates to be successful in the world of business. The business major requires a mastery of business theory and the development of skills in a broad range of functional areas. Graduates will demonstrate strong communication skills, the ability to analyze and synthesize, and an understanding of the broad cultural and social context in which business occurs.

Recognizing that work experience is critical in the learning process and in developing innovative thinking, experiential learning is an integral part of the program. Our graduates are expected to acquire knowledge of business theories as well as developing practical skills in applying these theories. These applications are demonstrated by using various teaching methods and evaluated on a graduated scale as the student moves through the program.

For success in the world of work after graduation or graduate study, our graduates are expected to develop skills in finding jobs, in job performance, and in career management. Consequently, the curriculum is designed to give individual students a hands-on grasp of business methods, business cultures, and personnel interactions typically found in business organizations. Business majors are expected to become involved in a variety of simulated and actual work experiences prior to graduation. These experiences may come in the way of class projects, independent studies, cases, labs, simulations, business plan development and/or an advanced business incubator.

A student considering the business major is strongly advised to take BUSN 127, BUSN 128, BUSN 150, BUSN 205, and BUSN 210 by the end of the second year. Since course sequence is important, potential majors and minors (first- and second-year students) are advised to consult with business professors when selecting classes.

**The Business Major**

(46-49 semester hours)

**Required:**
- BUSN 127  (4)  Accounting I
- BUSN 128  (4)  Accounting II
- BUSN 150  (4)  Marketing and Social Media
- BUSN 161  (3)  Commercial Law for Entrepreneurs
- BUSN 205  (4)  Management and Human Resources
BUSN 207  (2)  Business Seminar
BUSN 210  (4)  Finance and Business Valuation
BUSN 347  (4)  Entrepreneurship and Innovation
BUSN 351  (3)  Applied Marketing Research
BUSN 410  (3)  Business Strategies for Entrepreneurs

Senior Exercise:
BUSN 452  (4)  Senior Seminar in Entrepreneurship

Choose 1 of the following options:
Option A
BUSN 107  (3)  Business Economics

Option B
ECON 101  (3)  Principles of Microeconomics
AND
ECON 102  (3)  Principles of Macroeconomics

Choose 4 credit hours from the following courses:
BUSN 257  (1)  Business Practicum in Marketing I
BUSN 258  (1)  Business Practicum in Management I
BUSN 357  (1)  Business Practicum in Marketing II
BUSN 358  (1)  Business Practicum in Management II
BUSN 377  (3)  Internship
BUSN 440  (4)  Business Incubator

NOTE: For the major in business, the P/CR/NC grading option may not be exercised for any course which could count toward the major, with the exception of BUSN 261, BUSN 361, and BUSN 461. Additional information about the P/CR/NC grading option is available under the Academic Regulations heading of the catalog.

The Business Minor
(22-23 semester hours)

Required:
BUSN 127  (4)  Accounting I
BUSN 205  (4)  Management and Human Resources
BUSN 150  (4)  Marketing and Social Media
BUSN 161  (3)  Commercial Law for Entrepreneurs
BUSN 210  (4)  Finance and Business Valuation

Choose 1 of the following courses:
BUSN 347  (4)  Entrepreneurship and Innovation
BUSN 410  (3)  Business Strategies for Entrepreneurs

NOTE: For the minor in business, the P/CR/NC grading option may not be exercised for any
course which could count toward the major, with the exception of BUSN 261, BUSN 361, and BUSN 461. Additional information about the P/CR/NC grading option is available under the Academic Regulations heading of the catalog.

Course Descriptions

**BUSN 107 – Business Economics (3)**
Economic forces are fundamental determinants of firms’ profitability and growth, and economic thinking should inform nearly every business decision. This course will survey the basic principles of microeconomics and macroeconomics, including the behavior of individuals and firms, how government policies impact markets, and the factors determining national output, unemployment, productivity, inflation, and growth. *Not open to students who have earned credit for ECON 101 or ECON 102.*

**BUSN 127 – Accounting I (4)**
An examination of the accounting cycle; the recording, posting, adjusting, and closing of accounting data for a sole proprietor service and merchandising business, to include internal controls, receivables and payables, inventories, depreciation, and payroll. Emphasis is on the use of accounting data for decision making. Students will be required to master the automation of financial statement and pro forma development using interactive spreadsheets. Three hours lecture/discussion and three hours spreadsheet training/projects. III.Q

**BUSN 128 – Accounting II (4)**
*Prerequisite: BUSN 127.* This second course in accounting builds on the concepts, principles, procedures, and analytic methods taught in the introductory course and extends to accounting for partnerships and corporations. Focus is on financial statements and interpretation of financial information. Students will also be required to build interactive spreadsheet to enable a business to evaluate various business scenarios and cost structures automatically. Three hours lecture/discussion and three hours spreadsheet training/projects. III.Q

**BUSN 150 – Marketing and Social Media (4)**
*Prerequisite: ENGL 104 or another FYW course.* This course is an introduction to marketing; the marketing mix, product development, pricing, distribution, and the promotion of products, services and non-profit activities. Marketing legislation and the consumer movement will be discussed. Special emphasis will be placed on the use of social media to advance business objectives and create new marketing strategies. *This course cannot be taken on a P/CR/NC grading option.* Three hours lecture/discussion and three hours experiential learning/projects.

**BUSN 161 – Commercial Law for Entrepreneurs (3)**
An introduction to how companies operating in the United States are affected by the American legal system. In addition to studying torts, agency, contracts, and other liability issues, students will understand the legal documents and considerations most critical to entrepreneurs.
BUSN 205 – Management and Human Resources (4)
*Not open to students who have credit for BUSN 131 or BUSN 232.* This course provides an introduction to management of organizations through an examination of management theory, and to human resource management principles in today's workplace. In addition to the management functions of planning, organizing, directing, and controlling, students will study issues such as recruitment and hiring, policy design, legal issues, and motivational theory and its application to rewards and compensation. *This course cannot be taken on a P/CR/NC grading option.*

BUSN 207 – Business Seminar (2)
*Not open to students who have credit for BUSN 132.* This course gives students exposure to all aspects of business by managing a project designed to raise money for a non-profit organization. This course requires students to determine a cause for which they will raise money, create an event in which to raise the money, plan and market the event, and effectively communicate the results of their project to an audience. This course cannot be taken on a P/CR/NC grading option.

BUSN 210 – Finance and Business Valuation (4)
*Prerequisite: BUSN 128.* This course examines the role of finance in supporting the functional areas of a firm, and fosters an understanding of how financial decisions themselves create value. Topics covered include basic analytical skills and principles of corporate finance, functions of modern capital markets and discounted cash flow valuation, and risk analysis. Students learn to value start-up and existing businesses by examining factors such as market demand, market pricing, economic outlook, cash flows, competition, available funding, and risk.

BUSN 242 – Negotiation (3)
Negotiation is the art and science of securing the agreements of two or more independent parties. In this course students study the theories and processes of negotiation as practiced in a variety of business settings. The course will highlight the components of an effective negotiation and give students the opportunity to develop and practice their own negotiating skills. Offered alternate years.

BUSN 257 – Business Practicum in Marketing I (1, 2, 3)
*Prerequisites: BUSN 150 and permission of the instructor.* Students serve as consultants and team advisors for marketing projects by studying intermediate level marketing skills. Specific topics include project research, audience analysis, visual delivery and public speaking skills, presentation and advertising design, and presentation evaluation and assessment. *This course may be repeated for credit but is subject to the 12-credit maximum for all internship/practicum experiences applied toward a degree.*

BUSN 258 – Business Practicum in Management I (1, 2, 3)
Prerequisites: BUSN 205 and permission of the instructor. Students serve as intermediate-level managers for a variety of business projects by studying practical approaches to effective team management and project implementation and evaluation. Specific topics include project development and organization, personnel and resource allocation, motivation, quality control, and assessment. This course may be repeated for credit but is subject to the 12-credit maximum for all internship/practicum experiences applied toward a degree.

BUSN 261 – Directed Study (1, 2, 3)
Prerequisites: One BUSN course and permission of the instructor. The study of introductory level material by an individual student or by a small group of students under the immediate supervision of a faculty member.

BUSN 307 – Principles of Investing (3)
Prerequisites: BUSN 210 and MATH 205. This course introduces the quantitative methods of financial management that are commonly used by financial analysts, managers, and individual investors. It examines techniques for the valuation of different classes of securities and criteria for guiding investment decisions. Each student will apply these techniques by building and managing her own portfolio of investments. III.Q

BUSN 308 – Non-Profit Management (3)
Prerequisites: Junior standing and permission of the instructor. This course will examine the management and operations of non-profit organizations. The case study method will be used and students will examine a broad range of non-profits including educational institutions, arts organizations, and community services. Fieldwork in area non-profit organizations will be included in the course. This course cannot be taken on a P/CR/NC grading option.

BUSN 324 – Advanced Commercial Law (3)
Prerequisite: BUSN 161. Topics covered will include consumer protection and bankruptcy, labor relations, commercial paper, antitrust, securities regulation, and intellectual property with an emphasis on the impact of the internet. Offered alternate years.

BUSN 326 – Project Selection and Management (3)
Prerequisite: MATH 205. Students will apply sound financial and economic principles as a basis for project selection, while acquiring the skills necessary to manage the project. This will include an analysis of project alternatives, including such scenarios as make vs. buy, purchase or do not purchase, as well as project management techniques such as PERT/C PM and Gannt charts. Offered alternate years.

BUSN 337 – International Management (3)
Prerequisite: BUSN 205. This course builds on students’ backgrounds in management, international affairs and/or different cultures to explore the challenges of managing a multinational workforce in global (non-domestic) environment. The focus of the course is threefold-strategic issues in a multinational environment, their cultural and behavioral dimensions, and the underlying functional operations of the firm. The course will make
significant use of the case methods plus team and work-group activities requiring problem
definition, research, synthesis and presentations-both oral and written. Offered alternate years.

**III.O, V.4**

**BUSN 347 – Entrepreneurship and Innovation (4)**

*Prerequisite: BUSN 205.* Students will explore the similarities and differences in characteristics, knowledge, and skills needed for entrepreneurship, social entrepreneurship, and corporate social responsibility. The course teaches students, through theory and practice, to recognize ethical opportunities, especially in the midst of rapid change. Students will develop an idea and produce an in-depth, triple bottom line feasibility analysis (profitability, environmental impact, social impact). **III.W**

**BUSN 351 – Marketing Research (3)**

*Prerequisites: BUSN 150 and MATH 205.* This course covers the managerial use of scientific research methodology in formulating marketing strategy; includes determination of situations requiring research, appraisal of alternative research methods and analysis of theoretical concepts in research methodology. Offered alternate years. **III.W**

**BUSN 357 – Business Practicum in Marketing II (1, 2, 3)**

*Prerequisites: BUSN 257 and permission of the instructor.* Students serve as consultants and team advisors for marketing projects and study advanced marketing presentation skills. Specific topics include project research, audience analysis, visual delivery and public speaking skills, presentation and handout design, and presentation evaluation and assessment. *This course may be repeated for credit but is subject to the 12-credit maximum for all internship/practicum experiences applied toward a degree.*

**BUSN 358 – Business Practicum in Management II (1, 2, 3)**

*Prerequisites: BUSN 258 and permission of the instructor.* Students serve as upper-level managers for projects and study practical approaches to effective team management. Specific topics include the development, organization, promotion, and implementation of educational and fund-raising activities in support of selected charitable organizations. Broader topics include project management, personnel and resource allocation, motivation, quality control, and assessment. *This course may be repeated for credit but is subject to the 12-credit maximum for all internship/practicum experiences applied toward a degree.*

**BUSN 361 – Special Study (1, 2, 3)**

*Prerequisites: 100-level BUSN course and permission of the instructor.* The study of an intermediate level topic by an individual student or by a small group of students under the immediate supervision of a faculty member.

**BUSN 377 – Internship (1, 2, 3)**

*Prerequisite: Permission of the instructor and department chair.* This course is graded P/CR/NC only.
BUSN 410 – Business Strategies for Entrepreneurs (3)
Prerequisites: BUSN 150, BUSN 161, BUSN 205, and BUSN 210. The course demonstrates through case studies and corporate analyses that a company achieves sustained success only if its managers develop, and revise as needed, an action oriented strategic plan and implement and execute the plan with proficiency. Students will also examine the critical importance of strategy for entrepreneurs in developing a sustainable business plan and attracting funding.

III.W

BUSN 440 – Business Incubator (4)
Prerequisite: Permission of the instructor. Students will make use of department and regional resources to attempt to launch a business within the semester. Within the course, endeavors may include, but not be limited to: business incorporation, vendor/customer contract development, intellectual property research, filing provisional (or final) patents, prototype development, and/or purchasing of a franchise.

BUSN 452 – Senior Seminar in Entrepreneurship (4)
Prerequisites: BUSN 161, BUSN 205, BUSN 210, and BUSN 347. Open to senior business majors only. Case studies, readings, and all previous business courses are used to help students develop business plans for new businesses, franchises, or intrapreneurial ventures for an existing company. Students are required to prepare elevator pitches, as well as a final oral presentation, for an external audience. Students are also required to write a complete business plan which will include an environmental scan, market and competitive analysis, a marketing plan, an operations plan, and a three year financial outlook. III.O, III.W

BUSN 461 – Independent Study (1, 2, 3)
Prerequisites: One 100-level BUSN course, one 200-level BUSN course, and permission of the instructor. Pursuit of an upper level research project determined in advance by the student in consultation with a faculty member who will act as the sponsor.

Chemistry
Chemistry lies at the heart of modern science. Advances in fields such as molecular biology, environmental science, materials science, and medicinal chemistry are built upon an understanding of chemistry. At Sweet Briar students may earn either a B.A. or B.S. degree in chemistry. We also offer a B.S. degree in biochemistry & molecular biology (BIOC) jointly with the Biology Department. Chemistry courses provide a sound background in chemical principles, and open-ended investigative laboratories teach students to become chemists. These labs present opportunities for students to design their own experiments and experience the excitement of discovery. Beginning in introductory courses, students gain experience with sophisticated, research-quality equipment.

As students progress, projects deal with more complex chemical questions and require hands-on problem-solving and extensive data analysis. Chemistry and BIOC students learn to present their results in both written and oral form. Students are challenged to develop excellent problem-
solving skills, both in their coursework and in the laboratory, and to become adept at using professional instrumentation and computer software. The culmination of both the chemistry and the BIOC major is the completion of a semester-long independent project. It is strongly recommended that a student considering a major in chemistry or biochemistry/molecular biology complete CHEM 131, CHEM 141, CHEM 252, CHEM 253, MATH 123, and MATH 124 by the end of her first year. Prospective majors should consult with the department before registering for sophomore courses.

The Chemistry Major (B.A.)
(52-56 semester hours)

Required prerequisites (or exemption by placement):
CHEM 131 (3) General Chemistry
CHEM 141 (1) General Chemistry Laboratory

Required:
CHEM 216 (3) Analytical Chemistry
CHEM 226 (1) Environmental Analytical Chemistry Laboratory
CHEM 231 (3) Organic Chemistry I
CHEM 232 (4) Organic Chemistry II
CHEM 233 (1) Organic Chemistry I Laboratory
CHEM 234 (1) Organic Chemistry II Laboratory
CHEM 252 (4) Introduction to Quantitative and Inorganic Chemistry
CHEM 253 (1) Introduction to Quantitative and Inorganic Chemistry Laboratory
CHEM 341 (3) Intermediate Laboratory I
MATH 123 (4) Calculus I
MATH 124 (3) Calculus II
MATH 223 (3) Calculus III
PHYS 171 (4) General Physics I
PHYS 172 (4) General Physics I

Senior Exercise:
CHEM 451 (3) Senior Research

Choose 3 of the following courses: (at least one must be a physical chemistry course)
CHEM 202 (3) The Biochemistry of Human Nutrition
CHEM 321 (3) Biochemistry I
CHEM 322 (3) Biochemistry II
CHEM 331 (3) Physical Chemistry: Quantum Mechanics and Spectroscopy
CHEM 332 (3) Physical Chemistry: Kinetics and Thermodynamics
CHEM 431 (3) Instrumental Analysis
CHEM 432 (3) Advanced Inorganic Chemistry
CHEM 450 (3) Advanced Organic Chemistry

NOTE: With permission of the department, one course in physics at the 200, 300, or 400 level or
one course in molecular biology at the 300 or 400 level may be used in place of one course in chemistry.

The Chemistry Major (B.S.)
(59-63 semester hours)

Required prerequisites (or exemption by placement):
CHEM 131 (3) General Chemistry
CHEM 141 (1) General Chemistry Laboratory

Required:
CHEM 216 (3) Analytical Chemistry
CHEM 226 (1) Environmental Analytical Chemistry Laboratory
CHEM 231 (3) Organic Chemistry I
CHEM 232 (4) Organic Chemistry II
CHEM 233 (1) Organic Chemistry I Laboratory
CHEM 234 (1) Organic Chemistry II Laboratory
CHEM 252 (4) Introduction to Quantitative and Inorganic Chemistry
CHEM 253 (1) Introduction to Quantitative and Inorganic Chemistry Laboratory
CHEM 331 (3) Physical Chemistry: Quantum Mechanics and Spectroscopy
CHEM 332 (3) Physical Chemistry: Kinetics and Thermodynamics
CHEM 341 (3) Intermediate Laboratory I
CHEM 342 (3) Intermediate Laboratory
CHEM 441 (1) Advanced Laboratory
MATH 123 (4) Calculus I
MATH 124 (3) Calculus II
MATH 223 (3) Calculus III
PHYS 171 (4) General Physics I
PHYS 172 (4) General Physics II

Senior Exercise:
CHEM 451 (3) Senior Research

Choose 2 of the following courses:
CHEM 315 (3) Molecular Modeling
CHEM 321 (3) Biochemistry I
CHEM 322 (3) Biochemistry II
CHEM 431 (3) Instrumental Analysis
CHEM 432 (3) Advanced Inorganic Chemistry
CHEM 450 (3) Advanced Organic Chemistry

Recommended:
MATH 328 (3) Ordinary Differential Equations

The Chemistry Minor
(21-22 semester hours)
Required:
CHEM 131 (3)  General Chemistry
CHEM 141 (1)  General Chemistry Laboratory
CHEM 231 (3)  Organic Chemistry I
CHEM 232 (4)  Organic Chemistry II
CHEM 233 (1)  Organic Chemistry I Laboratory
CHEM 234 (1)  Organic Chemistry II Laboratory
CHEM 252 (4)  Introduction to Quantitative and Inorganic Chemistry
CHEM 253 (1)  Introduction to Quantitative and Inorganic Chemistry Laboratory

Choose either:
CHEM 216 (3)  Analytical Chemistry
AND
CHEM 226 (1)  Environmental Analytical Chemistry Laboratory

OR 1 of the following:
CHEM 321 (3)  Biochemistry I
CHEM 322 (3)  Biochemistry II
CHEM 331 (3)  Physical Chemistry: Quantum Mechanics and Spectroscopy
CHEM 332 (3)  Physical Chemistry: Kinetics and Thermodynamics

Teacher Licensure
(61 semester hours)

Required:
1. A bachelor of arts degree in chemistry including two courses in physics and courses in mathematics as required by the degree.
2. A minimum of 10 credit hours in non-chemistry science courses which must include at least three credit hours in biology and three credit hours in earth science (ENVR 143 or PHYS 113)
   Students who seek endorsement in more than one area of science need to complete an additional 18 credit hours in the second field which must include any specific requirements in that field.

Course Descriptions

CHEM 119 – The Development of Modern Science (3)
What is science and how did it arise? Why did the scientific revolution occur in the seventeenth century? Who were the key players and what stimulated their technological inventiveness? How does scientific thinking differ from conventional human thought? We will explore possible answers to these questions. Students will be introduced to the individuals and concepts central to the development of modern science. Finally, the class will explore directions which science is taking today. V.1, V.8a

CHEM 120 – Chemistry for the Liberal Arts (3)
A topical approach to modern chemistry. Areas of emphasis include environmental chemistry, biochemistry, medicinal chemistry, drugs, and nutrition. III.Q, V.8a
CHEM 125 – Chemistry for the Liberal Arts Laboratory (1)
Prerequisite or co-requisite: CHEM 120. An introduction to experimental chemistry to accompany CHEM 120. The focus of the lab is to reinforce concepts in a hands-on way using labs that apply to everyday life (soaps, foods, breath, water quality, plastics, etc.). The lab is closely tied to the textbook for the class. A nominal lab fee may be required for this course. V.8b

CHEM 131 – General Chemistry (4)
Prerequisite: A math skills placement which may be satisfied with an ACT math score of 19 or an SAT math score of 500. If ACT or SAT scores are below the minimum, the math skills placement may be satisfied by taking a college level math course or CHEM 120. Co-requisite: CHEM 141. This course is an introduction to chemical principles and it is open to students having appropriate backgrounds in science and mathematics. Areas of emphasis include chemical equations and reactions, stoichiometry, kinetics, chemical equilibrium, acids and bases, solubility equilibria, electronic structure of atoms, periodic relationships, molecular structure and bonding, intermolecular forces, properties of solutions, and an introduction to organic chemistry. Applications of modern chemistry are discussed whenever appropriate and are explored in the associated laboratory course, CHEM 141. III.Q, V.8a

CHEM 141 – General Chemistry Laboratory (1)
Prerequisite or co-requisite: CHEM 131. An introduction to experimental chemistry. laboratory modules emphasize investigation of the chemistry in everyday life and introduce modern analytical techniques. A nominal lab fee may be required for this course. One three-hour laboratory. V.8b

CHEM 202 – The Biochemistry of Human Nutrition (3)
Prerequisite: CHEM 131 or equivalent with permission. A study of the biochemistry of human nutrition. Topics covered will include proteins, fats, carbohydrates, vitamins, minerals, cholesterol, lipoproteins and fiber. Metabolism will be introduced as a chemical concept as well as an introduction to proteolytic and regulatory enzymes. Popular controversies in nutrition will also be explored, including food additives, vitamin and mineral supplementation and genetic engineering of foods. Offered alternate years. III.W, V.8a

CHEM 216 – Analytical Chemistry (3)
Prerequisites: CHEM 131 and CHEM 141, or any 200-level chemistry course. Co-requisite: Students are strongly encouraged to take CHEM 226. An introduction to the principles of analytical chemistry stressing proper methods of obtaining and handling data. Topics include statistical error analysis, propagation of error, methods of data reduction, sampling techniques, sample preparation, method validation, sample interferences, and complex equilibria. The course also explores classical analytical techniques and surveys methods using advanced instrumentation.

CHEM 226 – Environmental Analytical Chemistry Laboratory (1)
Prerequisite: CHEM 131. Co-requisite: CHEM 216 or ENVR 244. Students will gain practical experience analyzing samples from diverse matrices including sediment, air, soil, and water.
Students will also learn how to critically analyze data, conduct an error analysis, and recommend improvements to an experimental procedure. Methods of analysis include gravimetric, titrimetric, UV/Vis spectrophotometry, fluorometry, AAS, and HPLC. A nominal lab fee may be required for this course. One three-hour laboratory.

**CHEM 231 – Organic Chemistry I (3)**  
*Prerequisites: CHEM 131 and CHEM 141 with a grade of C- or better. Co-requisite: CHEM 233.*  
A study of the chief classes of carbon compounds, including their syntheses and the mechanisms of their reactions. The methods for determining reaction mechanisms are studied in detail. Four hours lecture. **V.8a**

**CHEM 232 – Organic Chemistry II (4)**  

**CHEM 233 – Organic Chemistry I Laboratory (1)**  
*Prerequisites: CHEM 131 and CHEM 141. Co-requisite: CHEM 231.* Experiments are designed to introduce students to the techniques of separation, purification, and synthesis of organic compounds. Techniques for studying reaction mechanisms, spectroscopy, and the use of literature of chemistry are also covered. A nominal laboratory fee may be required for this course. One three-hour laboratory. **V.8b**

**CHEM 234 – Organic Chemistry II Laboratory (1)**  
*Prerequisites: CHEM 231 and CHEM 233. Co-requisite: CHEM 232.* A continuation of CHEM 233. A nominal laboratory fee may be required for this course. One three-hour laboratory.

**CHEM 252 – Introduction to Quantitative and Inorganic Chemistry (4)**  
*Prerequisites: CHEM 131 and CHEM 141. Prerequisite or co-requisite: MATH 123. Co-requisite: CHEM 253.* Topics include a detailed study of chemistry in the gas phase, thermochemistry and chemical thermodynamics, electrochemistry, an introduction to main-group inorganic chemistry, an introduction to transition metal complexes, metallurgy, industrial chemistry, and an introduction to nuclear chemistry. Four hours lecture. **III.Q, V.8a**

**CHEM 253 – Quantitative and Inorganic Chemistry Laboratory (1)**  
*Co-requisite: CHEM 252.* Experiments will feature applications of topics discussed in CHEM 252. A nominal laboratory fee may be required for this course. One three-hour laboratory. **V.8b**

**CHEM 261 – Directed Study (1, 2, 3)**  
*Prerequisites: One CHEM course and permission of the instructor.* The study of introductory level material by an individual student or by a small group of students under the immediate supervision of a faculty member.
CHEM 321 – Biochemistry I (3)
Prerequisites: CHEM 231 and BIOL 112. A study of the relationship between structure and function in biomolecules including proteins and nucleic acids; methods of bioanalysis; prokaryotic DNA replication and the synthesis of proteins and RNA. CHEM 341, Intermediate Laboratory, may be elected simultaneously with this course. Four hours lecture.

CHEM 322 – Biochemistry II (3)
Prerequisites: CHEM 321; or CHEM 231 and BIOL 205 and permission. A study of enzyme mechanics, kinetics, structures and functions; carbohydrate, amino acid, fatty acid and nucleotide degradation and biosynthesis; and the regulation of the major metabolic pathways. CHEM 342, Intermediate Laboratory, may be elected simultaneously with this course.

CHEM 331 – Physical Chemistry: Quantum Mechanics and Spectroscopy (3)
Prerequisites: CHEM 252, MATH 223 (with grade of C- or higher), and PHYS 172 (with grade of C- or higher). This course is a study of the principles, generalizations, and theories behind modern chemistry. The course includes an introduction to quantum mechanics and its application to chemistry including molecular structure, computational chemistry, and molecular spectroscopy. It is recommended (but not required) that CHEM 232 be taken before this course and that CHEM 341 or CHEM 342, Intermediate Laboratory, be elected simultaneously with this course.

CHEM 332 – Physical Chemistry: Kinetics and Thermodynamics (3)
Prerequisites: CHEM 252, MATH 223, and PHYS 171. This course is a study of the principles, generalizations, and theories behind modern chemistry. The laws of thermodynamics are discussed in detail and are applied to a variety of problems concerning chemical equilibrium. The tools and theories used to measure and interpret chemical kinetics are also studied. It is recommended (but not required) that CHEM 232 be taken before this course and that CHEM 341 or CHEM 342, Intermediate Laboratory, be elected simultaneously with this course.

CHEM 341 – Intermediate Laboratory I (3)
Prerequisite: CHEM 234. An integrated, project-oriented laboratory. Laboratory work in physical chemistry, biochemistry, inorganic, advanced organic chemistry, and instrumental analysis is included. A nominal lab fee may be required for this course. One hour lecture and five hours of laboratory. III.W

CHEM 342 – Intermediate Laboratory II (3)
Prerequisite: CHEM 234. An integrated, project-oriented laboratory. Laboratory work in physical chemistry, biochemistry, inorganic, advanced organic chemistry, and instrumental analysis is included. A nominal lab fee may be required for this course. One hour lecture and five hours of laboratory. III.O
CHEM 361 – Special Study (1, 2, 3)
Prerequisites: 100-level CHEM course and permission of the instructor. The study of an intermediate level topic by an individual student or by a small group of students under the immediate supervision of a faculty member. A nominal lab fee may be required for this course.

CHEM 377 – Internship (1, 2, 3)
Prerequisites: Three credits in CHEM and permission of instructor and department chair. This course is graded P/CR/NC only.

CHEM 431 – Instrumental Analysis (3)
Prerequisites: CHEM 216 and CHEM 226. Pre or co-requisite: CHEM 331 or PHYS 172. An intensive survey of instrumentation and techniques for quantitative and qualitative analysis of organic and inorganic samples. Emphasis is placed on the theory and instrumental design for the three main areas of modern instrumental analysis: electroanalytical chemistry, spectrochemical methods, and chromatography. Students will also improve their critical thinking skills, and gain an understanding of the analytical approach to problem solving. Offered alternate years.

CHEM 432 – Advanced Inorganic Chemistry (3)
Prerequisites: CHEM 216 and CHEM 226. Pre or co-requisite: CHEM 331 or PHYS 172. Areas of emphasis include modern theories of the bonding and structure of inorganic molecules, acid-base chemistry, chemistry in aqueous and non-aqueous solvents, coordination chemistry of the transition metal ions, and an introduction to organometallic chemistry and to the inorganic chemistry of biological systems. Offered alternate years.

CHEM 441 – Advanced Laboratory (1)
Prerequisite: CHEM 341 or CHEM 342. An integrated, project-oriented laboratory. The emphasis will be on completing more extensive laboratory investigations than in CHEM 341 and CHEM 342, and on doing background literature research on the projects. Both oral and written presentation of results are required. A nominal lab fee may be required for this course. One three-hour laboratory.

CHEM 450 – Advanced Organic Chemistry (3)
Prerequisite or co-requisite: CHEM 331 or CHEM 332. A theoretical study of selected topics of current research in both synthesis and mechanisms of reactions. Offered alternate years.

CHEM 451 – Senior Research (3)
An independent research project selected and carried out in consultation with a faculty sponsor. Required of senior majors in chemistry. Bachelor of science candidates will conduct a laboratory investigation; Bachelor of Arts candidates may elect a library project. A written report and an oral presentation are required. A nominal lab fee may be required for this course. III.O, III.W
CHEM 461 – Independent Study (1, 2, 3)

Prerequisites: One 100-level CHEM course, CHEM 232, and permission of the instructor. Pursuit of an upper level research project determined in advance by the student in consultation with a faculty member who will act as the sponsor. A nominal lab fee may be required for this course.

Classics, Philosophy, and Religion

Classics, Philosophy, and Religion represent three of the central disciplines in a traditional liberal arts curriculum. By combining these three allied areas of inquiry, students will be able to gain a more comprehensive and well-grounded appreciation for many of the fundamental insights into human experience across a wide variety of cultures, institutions, and times. While each major within the department retains its own distinctive methodologies and areas of inquiry, all three disciplines share a commitment to the exploration of culture and ideas through varied historical and critical perspectives. The department offers major and minor programs in each discipline.

Classics seeks to provide any student with a liberal and comprehensive view of the ancient world through firsthand contact with the Greek and Roman roots of Western civilization. Courses in Greek and Latin are designed to develop competence in the classical languages and to survey the ancient world through its greatest works of literature. Other courses, in which the readings are in English translation, offer a wider conspectus in classical literature, civilization, mythology, and history. The department is interested both in students who wish to do their major work in classical studies and in students who wish to relate the study of an ancient literature to modern literature or an allied subject. Allied subjects regularly include art, English, history, modern languages and literatures, philosophy, and religion. The department offers a major with a choice of two concentrations, Classical Language or Classical Civilization.

Majors considering study abroad during their junior year are encouraged to apply to the Intercollegiate Center for Classical Studies in Rome or to the College Year in Athens which offer instruction in the classical languages, ancient history, and ancient art, and which sponsor a series of trips to important museums and archaeological sites. The department is a contributing member of the American School of Classical Studies at Athens, which offers summer sessions designed to provide advanced students with a deepened understanding of Greece and its antiquities through study of its monuments, history, literature and culture.

NOTE: Students are limited to double-counting only three courses toward any combination of majors and minors offered by the department.

The Classics Major–Classical Language Concentration
(34 semester hours)

Required:
Choose 4 three-credit courses in Greek or Latin at the 200-level or above.

Choose 2 additional three-credit courses in Greek or Latin at the 300-level.
Choose 5 additional three-credit courses in Greek, Latin, or from the following:

**ARTH 232** (3) Greek Art and Archaeology
**ARTH 234** (3) Roman Art and Archaeology
**CLAS 201** (3) Classical Mythology
**CLAS 205** (3) Ancient Greece
**CLAS 207** (3) The Rise and Fall of the Roman Republic
**CLAS 208** (3) Society and Culture in the Roman Empire
**CLAS 211** (3) Roman Archaeology and Art
**CLAS 243** (3) The Archaeology of Daily Life (RC)
**CLAS 307** (3) Gender and Sexuality in the Ancient Mediterranean
**CLAS 315** (3) The Later Roman Empire: Law, Religion and Society
**CLAS 318** (3) Topics in Classical Culture
**HIST 223** (3) The Ancient World 8000 BC to 300 AD
**INTD 109** (3) The Religion of Socrates
**PHIL 315** (3) The Roots of Western Thought

**Senior Exercise:**
**CLAS 452** (1) Senior Exercise

**NOTE:** At least 3 courses (9 credits) taken for the major must be at the 300-level or above.

**The Classics Major–Classical Civilization Concentration**
(34 semester hours)

**Required:**
Choose 4 three-credit courses in Greek or Latin at the 200-level or above.

Choose 4 courses from the following:

**ARTH 232** (3) Greek Art and Archaeology
**ARTH 234** (3) Roman Art and Archaeology
**CLAS 201** (3) Classical Mythology
**CLAS 205** (3) Ancient Greece
**CLAS 207** (3) The Rise and Fall of the Roman Republic
**CLAS 208** (3) Society and Culture in the Roman Empire
**CLAS 211** (3) Roman Archaeology and Art
**CLAS 243** (3) The Archaeology of Daily Life (RC)
**CLAS 307** (3) Gender and Sexuality in the Ancient Mediterranean
**CLAS 315** (3) The Later Roman Empire: Law, Religion and Society
**CLAS 318** (3) Topics in Classical Culture
**HIST 223** (3) The Ancient World 8000 BC to 300 AD
**INTD 109** (3) The Religion of Socrates
**PHIL 315** (3) The Roots of Western Thought

Choose 3 additional three-credit courses in Classical Civilization or Greek or Latin.
Senior Exercise:
CLAS 452  (1) Senior Exercise

NOTE: At least 3 courses (9 credits) taken for the major must be at the 300-level or above.

The Classics Minor
(18 semester hours)

Choose 3 three-credit courses Greek or Latin at the 200-level or above.

Choose 3 additional three-credit courses in the Classical Studies department.

Note: At least one course must be at the 300-level.

Teacher Licensure in Latin
(30 semester hours)

Required:
CLAS 207  (3) The Rise and Fall of the Roman Republic
CLAS 208  (3) Society and Culture in the Roman Empire

Choose 24 semester credits in Latin language beyond LATN 102.

Course Descriptions (Classics, Greek, and Latin)

CLAS 201 – Classical Mythology (3)
The more important classical myths read in English translations of Greek and Latin authors; their expression in ancient literature; what myth is, what it is for, how myths work and what they reveal about the history, culture, and values of the society which used them. V.2

CLAS 205 – Ancient Greece (3)
This course will survey ancient Greek literature, history, and philosophy starting from Homer and Sappho and ending with Euripides and Plato. All works will be studied in their historical and cultural contexts and there will also be consideration of major developments in Greek art and architecture. Much of the focus will be on the political and cultural achievements of 5th century Athens. Key issues will include the beginnings of democracy, the rise of literacy and the birth of philosophy, and the development of tragedy, comedy, and historiography. Offered alternate years. V.1, V.2

CLAS 207 – The Rise and Fall of the Roman Republic (3)
This course covers the history, literature, and culture of the Roman people from the period of Etruscan influence to the end of the Republic and beginning of the reign of the first emperor Augustus (seventh through first centuries B.C.). Primary emphasis will be on the last century of the Republic, the “Roman Revolution” from 133 to 31 B.C., which also saw the flowering of classical Latin literature and culture. Attention will be given to the influence of Etruscan and
especially Greek culture on the development of Roman civilization, especially in the areas of literature, religion, art, and political thought. Authors read include: Plautus, Terence, Livy, Catullus, Cicero, and Sallust. Offered alternate years. *May be counted as an auxiliary course toward the minor in gender studies. V.1, V.2*

**CLAS 208 – Society and Culture in the Roman Empire (3)**
This course looks at the history, literature, and culture of the Roman world from the reign of Augustus to the end of Roman rule in the West (31 B.C.-476 A.D.). The course will be divided into three parts: (1) A survey of political and cultural developments under the Julio-Claudian and Flavian emperors; (2) Roman culture at the height of the empire, focusing on some of the most important aspects of Roman social and civic life (slavery, women and the family, law, religion and art); (3) The rise of Christianity, from the second century to the end of the fourth century. Attention will also be given to the diversity of cultures found within the limits of the Roman Empire, and the legacy of Roman civilization to later European and Mediterranean cultures. Authors read include: Vergil, Ovid, Tacitus, Suetonius and Apuleius. Offered alternate years. *May be counted as an auxiliary course toward the minor in gender studies. V.1, V.2*

**CLAS 224 – The Greek Novel: Text and Context (3)**
In this course we will explore the emergence of the Greek novel during the Roman Empire and the cultural context that produced this nascent genre. Through tales of true love, romance, faked deaths, and encounters with pirates, we will investigate questions of genre, gender, and status as well as examine the nature of Greek life and literature under Roman rule. *V.2*

**CLAS 261 – Directed Study (1, 2, 3)**
*Prerequisites: One CLAS course and permission of the instructor.* The study of introductory level material by an individual student or by a small group of students under the immediate supervision of a faculty member.

**CLAS 307 – Gender and Sexuality in the Ancient Mediterranean (3)**
*Prerequisite: Sophomores admitted by permission; a 100-level course in classical studies or in gender studies is recommended.* Study of the cultural constructs of sex and gender as seen in the literature, law and material culture of Greek and Roman societies (including Egypt and the Near East in the Greco-Roman period). Explores societal stereotypes regarding women’s abilities and behavior and the strategies devised by women in response to those stereotypes. Attitudes toward marriage and the family, homosexuality, and fertility control will also be treated. Emphasis will be on interpretation of ancient texts, literary, legal and documentary (all in English translation), and current scholarship. Topic and time period will vary. Offered alternate years. *May be counted as an auxiliary course toward the minor in gender studies. III.O, V.5*

**CLAS 315 – The Later Roman Empire: Law, Religion, and Society (3)**
*Prerequisites: CLAS 211, CLAS 307, or HIST 223; first-year students and sophomores with permission.* This course looks at the Roman Empire from the third through the fifth century, the time of “decline and fall” which saw the triumph of Christianity and the disintegration of the western half of the Empire into regional, “barbarian” states. Emphasis will be on the social and
religious changes the Roman world saw, and readings will include selections from the legal sources and Christian writings that survive from this period. Offered alternate years. III.O, V.1

CLAS 318 – Topics in Classical Culture (3)
Prerequisite: First-year students and sophomores with permission; at least one course in classical civilization is strongly recommended. This course investigates themes and issues in classical civilization, drawing from a wide variety of sources including literary, philosophical, and historical writings, inscriptions, papyri and artistic modes of production (e.g., vase paintings, sculpture, etc.). Topics will vary, with future topics including the paradoxical status of gladiators in imperial Rome; Greek conceptions of the grotesque; and ideas of death, commemoration, and the afterlife.

CLAS 361 – Special Study (1, 2, 3)
Prerequisites: 100-level CLAS course and permission of the instructor. The study of an intermediate level topic by an individual student or by a small group of students under the immediate supervision of a faculty member.

CLAS 377 – Internship (1, 2, 3)
Prerequisites: Three credits in CLAS and permission of instructor and department chair. This course is graded P/CR/NC only.

CLAS 452 – Senior Exercise (1)
Prerequisite: Non-majors by permission. An independent research project developed in conjunction with a 300-level (or, if justified, 200-level) course in Latin, Greek, or classical studies. Required of all classical language and classical civilization concentrators in one of her last two senior terms. This project will include a substantial paper and an oral presentation. Students may also fulfill this requirement by completing an honor thesis in classics.

CLAS 461 – Independent Study (1, 2, 3)
Prerequisites: One 100-level CLAS course, one 200-level CLAS course, and permission of the instructor. Pursuit of an upper level research project determined in advance by the student in consultation with a faculty member who will act as the sponsor.

GREK 101 – Elementary Greek I (3)
Fundamentals of the classical Greek language in preparation for reading literary works, with written exercises and translation. Offered alternate years.

GREK 102 – Elementary Greek II (3)
Prerequisite: GREK 101. Fundamentals of the classical Greek language in preparation for reading literary works, with written exercises and translation. Offered alternate years.

GREK 201 – Intermediate Greek I (3)
Prerequisite: GREK 102 or placement. Continuing emphasis on developing facility in reading and grammatical skills. Offered alternate years.
GREK 202 – Intermediate Greek II (3)
*Prerequisite: GREK 201. Readings from Homer’s Odyssey. Offered alternate years. V.3*

GREK 261 – Directed Study (1, 2, 3)
*Prerequisites: One GREK course and permission of the instructor. The study of introductory level material by an individual student or by a small group of students under the immediate supervision of a faculty member.*

GREK 308 – Homer and Hesiod (3)
*Prerequisite: GREK 202. This course explores the world of archaic Greek epic poetry and will focus on selections from Homer’s “Iliad” and “Odyssey,” as well as Hesiod’s “Theogony” and “Works and Days.” We will also look at fragments from the Epic Cycle. The course will conclude with a look at ancient epic parody including the “Battle of the Frogs and Mice.” V.2, V.3*

GREK 318 – Topics in Greek Literature (3)
*Prerequisite: GREK 202. This course explores themes in Greek literature and draws on a wide variety of authors and genres. Topics will include Love and Lament, Comedy and Invective, Greek Lyric Poets, Hellenistic Poetry and Politics, and the Second Sophistic. Texts will range from Greek epitaphs and curse tablets through the worlds of epic, lyric, historiography, comedy, tragedy, and the Greek Novel. V.2, V.3*

GREK 321 – Greek Historians (3)
*Prerequisite: GREK 202. Readings of the major Greek historians with particular attention to content, literary and historical technique, and historical perspective. V.2, V.3*

GREK 327 – Greek Drama (3)
*Prerequisite: GREK 202. One or two plays studied in detail, with special attention to their relevant cultural contexts, poetic and dramatic structure, use of mythical material, and treatment of character. V.2, V.3*

GREK 332 – Greek Philosophers (3)
*Prerequisite: GREK 202. This course begins with the Pre-Socratics and then moves on to the worlds of Plato and Aristotle and concludes with a brief look at Hellenistic philosophy. Texts will include fragments of Heraclitus and Empedocles, selections from the dialogues of Plato, Aristotle’s “Nicomachean Ethics” and “Poetics,” and fragments of Epicurus and Diogenes the Cynic. V.2, V.3*

GREK 361 – Special Study (1, 2, 3)
*Prerequisites: 100-level GREK course and permission of the instructor. The study of an intermediate level topic by an individual student or by a small group of students under the immediate supervision of a faculty member.*
GREK 461 – Independent Study (1, 2, 3)
Prerequisites: One 100-level GREK course, one 200-level GREK course, and permission of the instructor. Pursuit of an upper level research project determined in advance by the student in consultation with a faculty member who will act as the sponsor.

LATN 101 – Elementary Latin I (3)
Fundamentals of the language in preparation for reading literary works, with written exercises and translation. Chiefly for beginners, but students with one year of secondary school Latin may take the course.

LATN 102 – Elementary Latin II (3)
Prerequisite: LATN 101. Fundamentals of the language in preparation for reading literary works, with written exercises and translation.

LATN 201 – Intermediate Latin I (3)
Prerequisite: LATN 102 or placement. Review and continuing study of grammar and syntax. Readings from Latin prose.

LATN 202 – Intermediate Latin II (3)
Prerequisite: LATN 201. Readings from Latin poetry. V.3

LATN 261 – Directed Study (1, 2, 3)
Prerequisites: One LATN course and permission of the instructor. The study of introductory level material by an individual student or by a small group of students under the immediate supervision of a faculty member.

LATN 312 – Roman Historians (3)
Prerequisite: One 200-level course in Latin. Selections from Livy or Tacitus. Offered alternate years. V.2, V.3

LATN 314 – Later Latin Literature (3)
Prerequisite: LATN 202. Readings in works of Latin poetry or prose written after the “classical” period of Latin literature. Author and genre will vary; possible topics include Apuleius, St. Augustine, or Latin writings of the Middle Ages or later. V.2, V.3

LATN 321 – Elegy and Epigram (3)
Prerequisite: LATN 202. This course explores themes of love, wit, invective, and urbanity that figure prominently in these versatile poetic genres. Beginning with the world of Catullus, this course moves through the Roman elegies of Propertius, Tibullus, and Ovid, and at the occasional poems of Martial. V.2, V.3
LATN 334 – Literature of the Late Republic (3)
Prerequisite: LATN 202. In this course we will draw on a variety of readings from the turbulent period in the first century B.C.E. that marked the end of the Roman Republic. Genres will vary and possible authors include Cicero, Caesar, Sallust, Lucretius, and Catullus. V.2, V.3

LATN 342 – Literature of the Roman Empire (3)
Prerequisite: LATN 202. In this course we will draw upon the post-Augustan authors of the Roman Empire. Genres will vary and possible authors include Lucan, Seneca, Pliny, Tacitus, Martial, and Juvenal. V.2, V.3

LATN 348 – Ovid (3)
Prerequisite: LATN 202. Ovid was one of the most prolific and influential authors of the Augustan age. In this course we will explore the various genres of Ovidian poetry, Ovid's relationship with his poetic antecedents and contemporaries, and his engagement with the political realities of the Augustan regime. V.2, V.3

LATN 353 – Roman Comedy (3)
Prerequisite: LATN 202. This course explores the comedies of Plautus and Terence. Through reading their plays both in the original Latin and in translation, we will consider their generic antecedents, performative context, and the colloquial and archaic quality of their Latin. V.2, V.3

LATN 358 – Topics in Latin Literature (3)
Prerequisite: LATN 202. This course explores themes in Latin literature and draws on a wide variety of authors and genres. Topics may include Latin epistolography, the Roman Novel, the city and countryside in Latin literature, and Roman ethics.

LATN 361 – Special Study (1, 2, 3)
Prerequisites: 100-level LATN course and permission of the instructor. The study of an intermediate level topic by an individual student or by a small group of students under the immediate supervision of a faculty member.

LATN 367 – Vergil (3)
Prerequisite: LATN 202. This course will survey the works of Vergil and include selections from the Aeneid, Georgics, and Eclogues. The course will conclude with a look at the vast tradition of later medieval and renaissance poems and poets influenced directly by Vergil's timeless corpus. V.2, V.3

LATN 461 – Independent Study (1, 2, 3)
Prerequisites: One 100-level LATN course, one 200-level LATN course, and permission of the instructor. Pursuit of an upper level research project determined in advance by the student in consultation with a faculty member who will act as the sponsor.
Computer Science (see also Mathematical and Computer Science)

Course Descriptions

CSCI 188 – Java Programming I (4)
An introduction to computer science and object-oriented programming Java. Topics include data types and Java packages through collections and class design and implementation. Structured programming, object-oriented design, and the testing of programs will be stressed, emphasizing platform independent application development.

Dance

Dance is a universal language of art, at once both basic and complex. Through movement and choreography, dance transmits both the essence of a culture and the expression of the individual. As with other art forms, the study of dance involves mastery of theory, history, and applied dance (technique). The curriculum is arranged so as to give the student the best possible study in the tradition of a liberal arts environment. Students also have ample chance both to perform and to work with visiting guest artists. With a comprehensive background in dance, a major may decide to pursue a career in such diverse fields as performance or teaching or with a double major in a related field arts management, expressive arts therapy or dance medicine.

The Dance Major
(45-46 semester hours)

Required:
DANC 111  (1)  Beginning Modern Dance
DANC 211  (1)  Intermediate Modern Dance
DANC 221  (3)  Dance History I
DANC 222  (3)  Dance History II
DANC 223  (3)  Introduction to Dance Composition I
DANC 224  (3)  Introduction to Dance Composition II
DANC 301  (3)  Intermediate Dance Composition I
DANC 302  (3)  Intermediate Dance Composition II
DANC 351  (3)  Anatomy and Kinesiology
DANC 415  (3)  Methods of Teaching Creative Movement and Dance
DANC 467  (3)  Aesthetics Dance Criticism
MUSC 107  (3)  Rudiments of Music I
THTR 105  (3)  Introduction to Technical Theatre I

Senior Exercise:
DANC 463  (3)  Senior Project
Choose the following course twice in two different semesters:
DANC 311 (2) Advanced Modern Dance Technique

Choose 1 of the following courses:
ARMG 105 (4) Introduction to Arts Management
ARTH 115 (3) Survey of Art History I
ARTH 116 (3) Survey of Art History II
MUSC 126 (3) The Appreciation of Music
MUSC 127 (3) World Music
Any three-credit course in the studio art department

NOTES: It is expected that a student majoring in dance take one dance course each term. Applied dance technique courses are DANC 107, DANC 109, DANC 111, DANC 207, DANC 211, and DANC 311. For the major in dance, the P/CR/NC grading option may be exercised for courses taken at the 100-level only. Additional information about the P/CR/NC grading option is available under the Academic Regulations heading of the catalog.

The Dance Minor Teaching Option
(22 semester hours)

Required:
DANC 221 (3) Dance History I
DANC 222 (3) Dance History II
DANC 223 (3) Introduction to Dance Composition I
DANC 224 (3) Introduction to Dance Composition II
DANC 415 (3) Methods of Teaching Creative Movement and Dance

Choose the following course twice in two different semesters:
DANC 311 (2) Advanced Modern Dance Technique

Choose 1 of the following courses:
DANC 301 (3) Intermediate Dance Composition I
DANC 351 (3) Anatomy and Kinesiology
DANC 467 (3) Aesthetics-Dance Criticism

NOTE: For the minor in dance, the P/CR/NC grading option may be exercised for courses taken at the 100-level only. Additional information about the P/CR/NC grading option is available under the Academic Regulations section of the catalog.

The Dance Minor--Performance Option
(14 semester hours)

Required:
DANC 221 (3) Dance History I
DANC 223 (3) Introduction to Dance Composition I
Choose 3 of the following courses of which 2 must be at the 300-level or above:

DANC 107  (1)  Beginning Ballet
DANC 109  (1)  Beginning Jazz
DANC 111  (1)  Beginning Modern Dance
DANC 207  (1)  Intermediate Ballet
DANC 211  (1)  Intermediate Modern Dance
DANC 311(2)  Advanced Modern Dance Technique

Choose 1 of the following courses:

DANC 222  (3)  Dance History II
DANC 224  (3)  Introduction to Dance Composition II
DANC 351  (3)  Anatomy and Kinesiology

NOTE: For the minor in dance, the P/CR/NC grading option may be exercised for courses taken at the 100-level only. Additional information about the P/CR/NC grading option is available under the Academic Regulations heading of the catalog.

Teacher Licensure in Dance
Students seeking licensure in dance must satisfy all requirements for the major in dance, must take a special study (DANC 361) on the topic of folk dance, and must complete two additional special studies (DANC 361) on the following topics: kinesiology, and injury prevention and care for dance. See the additional professional studies requirements listed under the Department of Education.

Course Descriptions

DANC 105 – Yoga I (1)
An introduction to Hatha Yoga; working with breath, flexibility and strength. Offered alternate years. May be counted toward the major in dance, but it may not be counted toward the minor in dance. IV.3

DANC 107 – Beginning Ballet (1)
Beginning technique in ballet. May be repeated for credit. IV.3, V.6b

DANC 109 – Beginning Jazz (1)
Beginning technique in jazz dance. May be repeated for credit. IV.3, V.6b

DANC 111 – Beginning Modern Dance (1)
Beginning technique in modern dance. May be repeated for credit. IV.3, V.6b

DANC 113 – Beginning Tap (1)
Beginning technique in tap. May be repeated for credit. IV.3, V.6b
DANC 205 – Yoga II (1)
*Prerequisite: DANC 105.* Further study in Hatha Yoga; working with breath, flexibility, and strength. *May be counted toward the major in dance, but may not be counted toward the minor in dance.* IV.3

DANC 207 – Intermediate Ballet (1)
Intermediate technique in ballet. May be repeated for credit. IV.3, V.6b

DANC 211 – Intermediate Modern Dance (1)
Intermediate technique in modern dance. May be repeated for credit. IV.3, V.6b

DANC 221 – Dance History I (3)
This course covers the history of dance from prehistory to 1830 and dance in world cultures. It focuses extensively on dance in non-Western societies including Japan, China, Pacific Islands, India, Africa, aboriginal Australia, South America, Native America, early Egypt and prehistoric Europe. It includes dance in Greece, Rome, medieval, Renaissance, and the early romantic period in Europe. One field trip to see Native American dancers. Offered alternate years. V.4, V.6a

DANC 222 – Dance History II (3)
This course covers the history of dance from 1830 to the present. Romantic Ballet through Post Modern Dance is examined through historic and contemporary texts, film and video. Offered alternate years. V.1, V.6a

DANC 223 – Introduction to Dance Composition I (3)
*Co-requisite: DANC 107, DANC 109, DANC 111, DANC 207, DANC 211, or DANC 311.* This course includes basic elements of dance composition through analyses of rhythmic movement in terms of space, time, and energy. Emphasis is on theme and development and on enlarging personal movement vocabulary through improvisation and creation of short studies and solo dances. Topics also include music for dance, music copyright, the Sweet Briar landscape through dance, and theories of stagecraft for dance. V.6b

DANC 224 – Introduction to Dance Composition II (3)
*Co-requisite: DANC 107, DANC 109, DANC 111, DANC 207, DANC 211, or DANC 311.* Further development of the techniques and concepts introduced in DANC 223 including work with dances inspired by visual art, poetry, and issues of social justice; masks and mask-making for dance; props; music and music copyright law; dance elements of form, structure, and techniques of improvisation. V.6b

DANC 261 – Directed Study (1, 2, 3)
*Prerequisites: One DANC course and permission of the instructor.* The study of introductory level material by an individual student or by a small group of students under the immediate supervision of a faculty member.
DANC 301 – Intermediate Dance Composition I (3)
Prerequisites: DANC 223 and DANC 224. Co-requisite: DANC 107, DANC 109, DANC 111, DANC 207, DANC 211, or DANC 311. This course includes lectures and studio work in principles of movement as related to choreographic and performing techniques. The student will experiment with different contemporary points of view. Assignments include creation of solo and small group compositions for stage as well as optional work with dance on camera and digital production. V.6b

DANC 302 – Intermediate Dance Composition II (3)
Prerequisites: DANC 223 and DANC 224. Co-requisite: DANC 107, DANC 109, DANC 111, DANC 207, DANC 211, or DANC 311. Further development of the techniques and concepts introduced in DANC 301 including work with dance on camera, story board, camera techniques, editing, and digital production. V.6b

DANC 311 – Advanced Modern Dance Technique (2)
Prerequisite: DANC 211. Concentrated work in dance technique on the performance level. May be repeated for credit. IV.3, V.6b

DANC 351 – Anatomy and Kinesiology (3)
Prerequisite: First-year students with permission. This course covers the systematic study of skeletal and muscular systems of the human body; with anatomical analysis of basic movement patterns. It offers an introduction to somatic techniques to help develop more efficient use of the body. Lectures and laboratory. Offered alternate years.

DANC 361 – Special Study (1, 2, 3)
Prerequisites: DANC 223, DANC 224, and permission of the instructor. Study projects in group choreography, dance production and in dance-related areas such as anatomy, kinesiology, methods of teaching, history and music.

DANC 377 – Internship (1, 2, 3)
Prerequisites: Three credits in DANC and permission of the instructor and department chair. This course is graded P/CR/NC only.

DANC 415 – Methods of Teaching Creative Movement and Dance (3)
Prerequisites: DANC 223 and DANC 224. Curriculum, principles and methods of teaching creative movement and dance in the elementary school. Topics include lesson planning, classroom management, spatial perceptions, and movement characteristics of the child through adolescence, including the handicapped and learning disabled. Includes historical perspectives on movement and dance education. Offered alternate years. III.O

DANC 461 – Independent Study (1, 2, 3)
Prerequisites: One 100-level DANC course, one 200-level DANC course, and permission of them instructor. Pursuit of an upper level research project determined in advance by the student in consultation with a faculty member who will act as the sponsor.
DANC 463 – Senior Project (3)
An independent project for the senior dance major resulting in the presentation of a recital and paper.

DANC 467 – Aesthetics Dance Criticism (3)
Prerequisites: DANC 221, DANC 222, DANC 223, and DANC 224. Critical study of dance works of major choreographers in different dance styles; how technique and subject, form and content converge in dance works. Visiting lecturers in philosophy and criticism. Viewing of dance films, videos and dance performances. Offered alternate years. III.W

Economics

Graduating economics majors are expected to understand the operation of a market economy and to be able to evaluate the fundamental issues affecting the U.S. economy. These issues include balance of trade, economic growth, the environment, welfare reform, government expenditures and taxation policies, and unemployment. Internships, while not required, are strongly recommended. A student considering the economics major is strongly advised to take ECON 101, ECON 102, MATH 123, and MATH 205 in her first year. ECON 201 and ECON 202 should be completed by the end of the second year. Potential majors and minors (first- and second-year students) are advised to consult with economics professors when selecting classes.

The Economics Major
(37-38 semester hours)

Required:
ECON 101 (3) Principles of Microeconomics
ECON 102 (3) Principles of Macroeconomics
ECON 201 (3) Intermediate Microeconomics
ECON 202 (3) Intermediate Macroeconomics
ECON 227 (3) Methods of Economic Analysis
MATH 123 (4) Calculus I
MATH 205 (3) Applied Statistics

Senior Exercise:
ECON 452 (3) Senior Seminar

Choose 4 additional 3-credit courses in economics at the 200-level or above. One of the following courses may be used toward this requirement.

BUSN 210 (4) Finance and Business Valuation
ENVR 316 (3) Geographic Information Systems I
GOVT 246 (3) The Political Economy of International Development
GOVT 235 (3) Business, Government, and the Economy
NOTE: For the major in economics, the P/CR/NC grading option may not be exercised for any course which could count toward the major, with the exception of ECON 261, ECON 361, and ECON 461. Additional information about the P/CR/NC grading option is available under the Academic Regulations heading in this catalog.

The Economics Minor
(25 semester hours)

Required:
ECON 101 (3) Principles of Microeconomics
ECON 102 (3) Principles of Macroeconomics
ECON 201 (3) Intermediate Microeconomics
ECON 202 (3) Intermediate Macroeconomics
MATH 123 (4) Calculus I
MATH 205 (3) Applied Statistics

Choose 2 additional 3-credit courses in economics at the 200-level or above.

NOTE: For the minor in economics, the P/CR/NC grading option may not be exercised for any course which could count toward the minor, with the exception of ECON 261, ECON 361, and ECON 461. Additional information about the P/CR/NC grading option is available under the Academic Regulations heading in this catalog.

Course Descriptions

ECON 101 – Principles of Microeconomics (3)
An introduction to the role markets play in determining the prices for products and services, wages workers earn, profits companies realize as participants in competitive markets, and how government policies impact markets. III.Q, V.7

ECON 102 – Principles of Macroeconomics (3)
Prerequisite: ECON 101. An introduction to the overall national economy of the United States. This course explores why the economy grows or suffers recessions, why interest rates and price levels fluctuate, and why there is so much debate about issues such as poverty, health care, and education. In response to these issues, the course identifies tools available to government to deal with economic problems and examines their limitations. III.Q, V.7

ECON 201 – Intermediate Microeconomics (3)
Prerequisites: ECON 101 and MATH 123. Critical study of the theory of the behavior of consumers and business firms, the determination of prices under various market structures, and the welfare implications of the allocation of resources by markets. This course cannot be taken on a P/CR/NC grading option. III.Q
ECON 202 – Intermediate Macroeconomics (3)
Prerequisite: ECON 102. A critical study of the nature, construction, and econometric applications of static and dynamic models for the determination of the level of income, output, employment, and prices in closed and open economies. V.7

ECON 221 – Theory of Financial Markets (3)
Prerequisite: ECON 102. Students study the theory and operation of financial markets and the role of financial assets and institutions in the economic decisions of individuals, firms, and governments.

ECON 227 – Methods of Economic Analysis (3)
Prerequisites: ECON 101 and MATH 123. An introduction to the techniques of quantitative economic analysis, including the use of linear algebra, calculus and constrained optimization. The course is designed to introduce mathematics as a practical tool for economic analysis and to help students understand the foundations of economic thought. The focus of the course is on the application of mathematics to economics, not on mathematical theory. Offered alternate years. III.Q

ECON 234 – Game Theory (3)
Game theory attempts to capture behavior in strategic situations, or games, in which an individual's success in making choices depends on the choices of others. This class will introduce the equilibrium concept, and apply it to games involving multiple players, multiple periods, and imperfect information. Students will be taught how to approach interactions strategically. Offered alternate years. III.Q

ECON 248 – Labor Economics (3)
Prerequisite: ECON 101. An introduction to the functioning of labor markets through the interaction of workers and employers. Students examine the determinants of wage differences arising from demographics, such as gender, ethnicity, and age. Special consideration is given to decisions such as when to attend college, how many children to have, and why one might work less if paid more. Offered alternate years.

ECON 261 – Directed Study (1, 2, 3)
Prerequisites: One ECON course and permission of the instructor. The study of introductory level material by an individual student or by a small group of students under the immediate supervision of a faculty member.

ECON 313 – International Finance and Macroeconomics (3)
Prerequisite: ECON 102. This course surveys the field of international money and finance. Open economy macroeconomic theory will be developed and applied in the analysis of the balance of payments and foreign exchange rate problems and the formation of policies to solve or prevent such problems. Offered alternate years.
ECON 316 – Industrial Organization and Government Policy (3)
Prerequisite: ECON 201. This course investigates how the characteristics of market organization, or market structure, affect firm behavior and market performance. Special consideration is given to theories of the firm other than profit maximization.

ECON 325 – Public Finance (3)
Prerequisite: ECON 201. A study of the effects of government tax and expenditure programs on the allocation of resources and the distribution of income. Offered alternate years.

ECON 332 – Econometrics (3)
Prerequisites: ECON 101, MATH 123, and MATH 205. An introduction to statistical quantitative analysis of economic behavior. The ordinary least squares technique and the assumptions underlying it are developed. Methods designed to detect and correct for the violations of these assumptions are examined. Special emphasis is given to the practical application of the procedures discussed through the use of computer exercises.

ECON 342 – Ecological Economics (3)
Prerequisite: ECON 101. An application of economic theory to problems of environmental degradation, natural resource use and ecological disruption. Economic concepts, such as market failure, property rights and public goods, are combined with natural and physical science principles to explore the integration of economic and ecological systems. Emphasis is placed on the use of analytical economic tools such as benefit-cost analysis, economic policy instruments and non-market valuation.

ECON 361 – Special Study (1, 2, 3)
Prerequisites: 100-level ECON course and permission of the instructor. The study of an intermediate level topic by an individual student or by a small group of students under the immediate supervision of a faculty member.

ECON 377 – Internship (1, 2, 3)
Prerequisites: Three credits in ECON and permission of instructor and department chair. This course is graded P/CR/NC only.

ECON 452 – Senior Seminar (3)
Prerequisite: Senior standing or concurrently completing all major requirements. A comprehensive review of basic economic reasoning and exercises in its application to the understanding and solution of contemporary problems. III.O, III.W

ECON 461 – Independent Study (1, 2, 3)
Prerequisites: One 100-level ECON course, one 200-level ECON course, and permission of the instructor. Pursuit of an upper level research project determined in advance by the student in consultation with a faculty member who will act as the sponsor.
The teacher education program at Sweet Briar College provides prospective teachers with a strong foundation in an academic discipline and a thorough grounding in differentiated curriculum and instruction to prepare for teaching in today’s diverse classrooms. The Education Department has received grant awards and citations for its professional development programs in mentoring and clinical faculty training, which are also grounded in differentiation. By linking the goals of clinical faculty and mentor training with teacher preparation, the Education Department provides research-based, best practice instruction to pre-service and in-service teachers in meeting the diverse needs of all students.

Beginning in Fall 2003, Sweet Briar initiated a five-year program for teacher licensure. The Master of Arts in Teaching (MAT) allows Sweet Briar students more flexibility within their undergraduate degree programs. Students are free to pursue academic majors while completing their licensure requirements, including student teaching, during the fifth year of study. The five-year licensure program allows Sweet Briar students the opportunity to study abroad, if they choose, and provides more flexibility in meeting degree requirements and choosing electives. Completion of the MAT program offers graduates the benefits of a higher salary potential in most school districts throughout the country.

The Education Department offers three options for students seeking licensure through the MAT program: Elementary Education (PreK-6), Secondary Education (6-12), and PreK-12 licensure in studio art, dance, music (vocal-choral), as well as the languages of Spanish, French, German, and Latin.

Prospective elementary teachers must major in Liberal Studies and complete the required professional studies listed below for the PreK-6 licensure. Prospective secondary teachers must major in one of the following academic disciplines: biology, chemistry, physics, mathematics, English, theatre arts, or history and social studies; and complete the required professional studies listed below for secondary licensure. Candidates for the PreK-12 licensure should consult the chair of the Education Department to obtain licensure requirements for their academic major.

Throughout the undergraduate professional studies program, clinical experiences are required in each course. These experiences are an integral part of the teacher education program and require observation, practice, and reflection in varying degrees of complexity in public school classrooms. Students interested in applying for the MAT program should consult with their major advisors and the faculty of the Education Department to ensure that all undergraduate degree requirements are met.

Admission Requirements for the Teacher Education Program:

1. Completed application to the teacher education program
2. Completion of at least two courses in professional education with a 3.0 average or above
3. Cumulative GPA of 2.75 or higher
4. Submission of passing Praxis I scores or equivalent SAT scores
5. Recommendation from the major department
6. Effective communication skills, both oral and written (evidenced by successful completion
of ENGL 104 or equivalent and satisfactory performance on Praxis I)
7. General disposition essential for successful teaching

Internship Experience
Prior to acceptance in an internship experience at the end of the junior year, students will be assessed on their performance in professional studies courses as well as their success in field experiences. Criteria for acceptance to the internship include:

1. Minimum overall GPA of 3.00 in professional studies courses
2. Ability to use effective verbal, nonverbal, and media communication techniques to foster active inquiry, collaboration, and supportive interactions in the classroom
3. Demonstration of professional and ethical behavior as well as personal integrity in all interactions
4. Potential to manage a classroom to provide a safe and positive learning environment for students and staff
5. Potential to establish rapport with students
6. Potential to create a supportive learning environment for all students that encourages social interaction, active engagement in learning, and self-motivation

Master of Arts in Teaching
The MAT is designed for those men and women with a bachelors degree who do not hold a teaching license in Virginia or any other state. It is a full-time program that prepares candidates for licensure in one year.
Sweet Briar undergraduates must apply to the MAT program by February 1 of their senior year. Applicants will be notified of acceptance by April 15 of their senior year.

The requirements for admission to the MAT program for Sweet Briar students include:
1. Submission of an application to the MAT degree program, including passing scores on Praxis I and II no later than February 1 of the application year
2. Three recommendations from individuals outside the Education Department who are familiar with applicant’s academic ability
3. Submission of passing scores on the Virginia Communication and Literacy Assessment, and for elementary candidates, the Virginia Reading Assessment
4. Completion of a baccalaureate degree with a cumulative undergraduate GPA of 2.75 or higher
5. Cumulative undergraduate GPA of 3.00 or higher in professional studies courses
6. Submission of official transcript from each college or university attended
7. A $40 non-refundable application fee

Applicants to the MAT program who did not earn their baccalaureate degree from Sweet Briar should consult the Graduate Catalog for admission requirements.

PreK-6 Licensure

Required Professional Studies:
EDUC 103 (3) Teaching, Learning, and Human Development
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<thead>
<tr>
<th>Course Code</th>
<th>Credits</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>EDUC 211</td>
<td>(3)</td>
<td>Teaching Diverse Learners</td>
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<tr>
<td>EDUC 225</td>
<td>(3)</td>
<td>Literacy Development I</td>
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<tr>
<td>EDUC 227</td>
<td>(3)</td>
<td>Literacy Development II</td>
</tr>
<tr>
<td>EDUC 355</td>
<td>(3)</td>
<td>Models of Teaching</td>
</tr>
<tr>
<td>EDUC 416</td>
<td>(3)</td>
<td>Curriculum, Instruction and Assessment</td>
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**Required Field Experiences:**

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<th>Course Code</th>
<th>Credits</th>
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<tbody>
<tr>
<td>EDUC 107</td>
<td>(3)</td>
<td>Appropriate Teaching Practices in Early Childhood Education</td>
</tr>
<tr>
<td>EDUC 377</td>
<td>(3)</td>
<td>Internship</td>
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**Additional Required Course:**

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<th>Course Code</th>
<th>Credits</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>PSYC 201</td>
<td>(3)</td>
<td>Developmental Psychology: Infancy and Childhood</td>
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**Secondary Licensure**

**Required Professional Studies:**

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<tbody>
<tr>
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<td>(3)</td>
<td>Teaching, Learning and Human Development</td>
</tr>
<tr>
<td>EDUC 211</td>
<td>(3)</td>
<td>Teaching Diverse Learners</td>
</tr>
<tr>
<td>EDUC 233</td>
<td>(3)</td>
<td>Reading in Content Areas</td>
</tr>
<tr>
<td>EDUC 355</td>
<td>(3)</td>
<td>Models of Teaching</td>
</tr>
<tr>
<td>EDUC 416</td>
<td>(3)</td>
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<tbody>
<tr>
<td>EDUC 377</td>
<td>(3)</td>
<td>Internship</td>
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**Additional Required Course:**

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<th>Course Code</th>
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<th>Course Title</th>
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<tbody>
<tr>
<td>PSYC 302</td>
<td>(3)</td>
<td>Developmental Psychology II: Adolescence and Adulthood</td>
</tr>
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</table>

Students seeking PreK-12 licensure in studio art, dance, music (vocal-choral), as well as the languages of Spanish, French, German, and Latin should consult the Teacher Education Handbook for requirements.

Students who complete teacher licensure at Sweet Briar College must meet all requirements in the Commonwealth of Virginia, including passing scores on Praxis I and II. In recent years, teachers completing licensure at Sweet Briar have met all of these requirements and accepted positions in elementary education, secondary English, Spanish, French, biology, mathematics, dance, studio art, and government.

**Course Descriptions**

**EDUC 103 – Teaching, Learning, and Human Development (3)**

An introductory experience to the teaching profession emphasizing the major principles of human growth and development as they relate to teaching and learning. Students will explore historical, philosophical and sociological themes in American education. Field experiences provide the opportunity for application.
EDUC 107 – Appropriate Teaching Practices in Early Childhood Education (3)
This course will focus on strategies for teaching all students in the early childhood classroom including the child with special needs. Emphasis will be placed on typical and atypical patterns of early childhood development. Three hours per week of field experience are required.

EDUC 211 – Teaching Diverse Learners (3)
Prerequisite: EDUC 103. This course is an introduction to major issues in the field of special education with emphasis placed on understanding the characteristics, definitions, and etiologies of individuals with diverse needs. Topics explored include: historical perspectives of special education, legal issues, ethical considerations, and the identification of the qualities of home, school, and community environments that support special education students in achieving their full potential. V.5

EDUC 225 – Literacy Development I (3)
Prerequisite: EDUC 103. This course will explore current philosophies, assessment strategies, methods, and resources to support literacy development for emergent, beginning, transitional, and specialized readers. This course will develop the skills required to administer and analyze early literacy screenings, diagnostic spelling analyses, informal reading inventories, running records, readability and fluency ratings, and writing assessments. Particular attention will be given to assessment options and techniques that provide the rationale for instruction of individual students and enhance their progress through the stages of literacy development. Field experience in a public school setting is required.

EDUC 227 – Literacy Development II (3)
Prerequisite: EDUC 225. This course will examine principles, strategies, and resources used in developing a balanced literacy program for the elementary classroom based on assessment philosophies and techniques introduced in Literacy Development I. This course focuses on correlating individual assessment results with research-based methods for teaching reading, phonics, phonological awareness, word study, comprehension, fluency, and writing. Designing developmentally appropriate literacy lessons to meet a range of readiness levels, interests, and learning styles is a major emphasis. Field experience in a public school setting is required.

EDUC 233 – Reading in Content Areas (3)
Prerequisite: EDUC 103. Examines problems encountered by middle and secondary school teachers in dealing with particular content area reading problems. Focus is on topics such as vocabulary development comprehension, critical writing and reading, study skills, and adapting instruction for students with special needs. Also included are strategies for development and planning of lessons and units of study. Field experience in a public school setting is required.

EDUC 261 – Directed Study (1, 2, 3)
Prerequisites: One EDUC course and permission of the instructor. The study of introductory level material by an individual student or by a small group of students under the immediate supervision of a faculty member.
EDUC 313 – Adapting for Diverse Learners in General Education K-12 (3)
*Prerequisite: EDUC 211. This course focuses on creating responsive environments, planning and organizing instruction, and various educational approaches for diverse learners with mild/moderate disabilities. It is designed to provide pre-service teachers with specific strategies and knowledge of materials which are important in meeting the needs of students with mild disabilities in a variety of classroom settings.*

EDUC 316 – Classroom Management: Techniques and Interventions K-12 (3)
*Prerequisite: EDUC 211. This course provides students with an understanding of behavior management strategies and skills needed for effective school and classroom management. Focus is on functional behavioral assessments and individualized interventions. This course will also address how the legal system and its resources can interact with the school system to successfully deal with behavior issues.*

EDUC 322 – Assessments in Special Education General Curriculum K-12 (3)
*Prerequisite: EDUC 313. This course addresses psycho-educational assessment instruments, procedures used to determine eligibility, and instructional planning based on evaluation results for students in special education general curriculum K-12. Emphasis will be placed on administration of formal and informal assessments, interpretation of results, and formulation of individual educational plans based on assessment results.*

EDUC 355 – Models of Teaching (3)
*Prerequisite: Acceptance into the Teacher Education Program. This course focuses on the variety of instructional models available for the K-12 classroom. Students practice implementing and assessing these models in a field experience setting.*

EDUC 361 – Special Study (3)
*Prerequisites: 100-level EDUC course and permission of the instructor. The study of an intermediate level topic by an individual student or by a small group of students under the immediate supervision of a faculty member.*

EDUC 377 – Internship (3)
*Prerequisites: Acceptance to Teacher Education Program and permission of instructor and department chair. Provides a formative experience for students in teacher licensure programs. An internship in a public or private school setting provides students with opportunities to explore the “real world” of teaching through intensive classroom experience. Requires 120 hours of supervised field experience. This course is graded P/CR/NC only.*

EDUC 410 – Transition, Collaboration, and Consultation in Special Education K-12 (3)
*Prerequisite: EDUC 322. This course provides an understanding of the transition process as defined by IDEA and the skills needed to implement an effective transition plan. This course also builds an understanding of collaboration, the collaborative team, and the roles and responsibilities of each team member as well as appropriate strategies for consulting with general educators, parents, and other resource agencies. Field experience required.*
EDUC 416 – Curriculum, Instruction, and Assessment (3)
Prerequisite: Acceptance into the Teacher Education Program. An introduction to the basic concepts and issues related to the development, design, and implementation of K-12 curricula. This course will address techniques for assessing student performance.

EDUC 461 – Independent Study (3)
Prerequisites: One 100-level EDUC course, one 200-level EDUC course, permission of the instructor, and junior or senior standing. Pursuit of an upper level research project determined in advance by the student in consultation with a faculty member who will act as the sponsor.

English and English/Creative Writing

The English Department at Sweet Briar College promotes the study of literature, creative and critical writing, and film. Our immediate objectives are to teach students to read with understanding and to write with clarity and precision. By stressing imaginative thinking and interpretive rigor we encourage them to become intellectually independent.

All students read a wide variety of literature written in English including works from different historical periods, literary genres, and English-speaking cultures. They also study a wide variety of critical viewpoints and interpretive strategies. In this way they gain a larger historical perspective as well as the critical skills and cultural awareness needed in a global community. To supplement Sweet Briar’s program, we urge qualified students to spend at least a part of their junior year in the exchange programs at the University of London or the University of St. Andrews in Scotland or to participate in summer study in the Virginia Program at Oxford University.

Students in film courses explore the use of images and words by studying the terminology of film production, the aesthetic elements of cinema, and film theories. They also examine cinema’s historical development as an artistic and social force. Courses offered within the interdisciplinary film studies program focus on specific genres, major directors, national cinemas, and literary adaptation.

Courses in Shakespeare and modern drama contribute to the major in Theatre Arts. The department encourages other interdepartmental and interdisciplinary studies and supports the Honors Program as well as the Gender Studies Program.

The study of English gives our students a background in analytical thinking and an ability to communicate effectively, skills much in demand in a variety of careers today. In recent years they have gone on to M.F.A. programs in creative writing, to graduate study in English, law, journalism, and business, and into careers such as teaching, publishing, advertising, journalism, business, finance, public relations, communications, and library and information science. We believe that the insights derived from reading and writing are as valuable to students in the natural and social sciences as they are to those in the humanities.

The Department offers majors and minors in English and in English and Creative Writing. In addition, it anchors Sweet Briar’s minor in Journalism, New Media, and Communications.
The minor in Journalism, New Media, and Communications is an interdisciplinary program designed for those interested in various careers in media as well as those interested in becoming more confident and versatile writers and communicators.

The minor is built around the understanding that the ways in which we write, share, and communicate news and information have changed rapidly over the past decade and will continue to change at an ever-greater pace in the next. For these reasons, the minor aims to train students to write with precision, depth, and style for a variety of different audiences and contexts, to use electronic resources to aid research, to share news and build community, and to make editorial decisions informed by high professional standards.

The core of the minor is comprised of courses in journalism and creative writing. The journalism courses teach students the fundamentals of news-gathering, reporting, editing, and writing for print and Web publications (including personal Web sites and blogs) and also engage students in thinking critically about how news and information are shaped by and for a wireless world in which audiences expect up-to-the-minute news. Workshop-based creative writing courses will teach students to write with purpose, style, and originality while emphasizing revision and the ability to constructively respond to the creative work of others.

The minor also provides students the opportunity to tailor their course of study to their future ambitions, with electives in digital design and photography as well as in writing and public speaking for the business environment. Outside the classroom, students will gain hands-on experience by completing a three-credit internship and working for one of the college’s student or administrative publications.

The English Major
(34 semester hours)

Required:

Senior Exercise:
ENGL 451 (1) Senior Exercise Preparation
ENGL 452 (3) Senior Seminar
The senior exercise involves successfully completing four credits in the senior year. In the fall course (ENGL 451), each student will begin preliminary work on her senior thesis which she will complete in the spring as part of her senior seminar. Students may fulfill the senior exercise requirement by completing an honors thesis in English.

Choose 10 three-credit courses in literature in the English department. At least six of these courses must be taken at the 300-level and the remaining four taken at the 200- or 300-level. (See lists of courses below for additional requirements for these ten literature courses.)

Choose at least 3 of the following as part of the 10 literature courses required:

Pre-1900 Literature
ENGL 235 (3) Shakespeare
ENGL 236 (3) The English Sonnet
ENGL 239 (3) Old English Language and Literature
ENGL 315 (3) Swords and Shield-Maidens: Gender Politics in Medieval Heroic Epic
ENGL 317 (3) History of the English Language
ENGL 319 (3) Chaucer
ENGL 320 (3) Medieval Dreamworks
ENGL 322 (3) Romance and Renewal: Shakespeare and Elizabethan Drama
ENGL 324 (3) Revenge and Ravishment: Shakespeare and Jacobean Drama
ENGL 329 (3) American Romanticism
ENGL 331 (3) The 19th-Century American Novel
ENGL 339 (3) Women in 19th-Century Literature
ENGL 340 (3) The Sacred and the Profane in the English Renaissance
ENGL 344 (3) Women in the Renaissance
ENGL 367 (3) Visionary Rebels: Romantic Artists
ENGL 386 (3) Fatal Attractions: Death and Sex in the 19th-Century Novel

Choose at least 2 of the following as part of the 10 literature courses required:

Post-1900 Literature
ENGL 256 (3) New Writing from Ireland and Scotland
ENGL 258 (3) Native American Literature
ENGL 282 (3) Modern American Authors
ENGL 330 (3) African-American Literature
ENGL 332 (3) Modern and Contemporary Women Writers
ENGL 382 (3) Contemporary International Fiction
ENGL 393 (3) Modern Poetry
ENGL 394 (3) Contemporary Poetry
ENGL 397 (3) Becoming Modern

Students may count up to three courses toward the major selected from the following options:
- one or two 200- or 300-level creative writing courses
- one or two 200- or 300-level theatre courses with a V.2 designation
- one 300-level literature course from outside the department in a foreign language
- one 100-level literature course in the English department if the course is taken in the student’s first or second year.

NOTES:
Any course used to satisfy the student’s FYW general education requirement cannot also be used toward the above major requirements.

Working closely with her advisor, each student should seek to construct a plan for the major that includes the following approaches to literary study:
1. Historical — These courses will highlight the construction of literary traditions in different periods.
2. Critical and/or theoretical — These courses will foreground the study and use of a variety of models of literary interpretation.
3. Transnational — These courses will involve a significant focus on the study of literary texts and traditions from other countries in relation to those of England and the United States.
4. Formal — These courses will foreground the study of different genres and their conventions.
5. Social — These courses will foreground the study of literature’s relationship to identity
categories such as those based on class, race, ethnicity, gender, and sexuality.

More details about the five approaches to literary study listed above can be found on the English department website and can be requested from the chair of the English department. Majors are encouraged to take multiple courses in each category. Some courses may be featured under more than one category.

A student may choose courses for her major that allow her to study an area of interest in greater depth; this may be particularly helpful as students prepare for the senior exercise. (For example, a major may focus on a particular historical period, a particular genre, the literature of a particular social group, or even a more narrowly defined area of interest.) A student may instead choose to craft a major that emphasizes breadth, pursuing courses in a wider range of topics. We encourage students to take courses in creative writing as well as courses in other departments that complement their course of study and their areas of interest in English.

Majors who want to study abroad often spend their junior year at the University of London or the University of St. Andrews, and/or a summer at Oxford University through the Virginia Program at Oxford. A student considering study abroad should consult with her advisor for recommended preparatory courses.

A student considering graduate school in English should confer with the chair of the department to be sure that she has planned an appropriate curriculum. Since most graduate schools require two modern languages and some require a classical language as well, the student should have a reading knowledge of at least one foreign language by the time of her graduation from Sweet Briar.

A minimum of six elective courses (18 semester hours) in English must be taken at Sweet Briar College. In addition, all four credits of the senior exercise must be completed at Sweet Briar, for a total of 22 semester hours. With the exception of ENGL 451, no course used to fulfill major requirements may be taken on a P/CR/NC grading option.

The English Minor
(21-22 semester hours)

Required:

Choose 7 three-credit literature courses in the English department, including the following:

Choose at least 2 of these course:

*Pre-1900 Literature*

ENGL 235  (3)  Shakespeare
ENGL 236  (3)  The English Sonnet
ENGL 239  (3)  Old English Language and Literature
ENGL 315  (3)  Swords and Shield-Maidens: Gender Politics in Medieval Heroic Epic
ENGL 317  (3)  History of the English Language
ENGL 319  (3)  Chaucer
Choose at least 1 of these courses:

**Post-1900 Literature**

- **ENGL 256** (3) New Writing from Ireland and Scotland
- **ENGL 258** (3) Native American Literature
- **ENGL 282** (3) Modern American Authors
- **ENGL 330** (3) African-American Literature
- **ENGL 332** (3) Modern and Contemporary Women Writers
- **ENGL 382** (3) Contemporary International Fiction
- **ENGL 393** (3) Modern Poetry
- **ENGL 394** (3) Contemporary Poetry
- **ENGL 397** (3) Becoming Modern

At least four of the seven courses required for the minor must be at the 300-level or above. The remaining three courses must ordinarily be at the 200-level or above. The following exceptions apply:
- A student may substitute a 100-level course for a 200-level course if the course is taken in the student’s first or second year.
- A student may elect to take the four-credit senior exercise in English (both ENGL 451 and ENGL 452) in place of one 300-level literature course.

**NOTES:**

Working closely with her advisor, each student should seek to construct a plan for the major that includes the following approaches to literary study:

1. **Historical** — These courses will highlight the construction of literary traditions in different periods.
2. **Critical and/or theoretical** — These courses will foreground the study and use of a variety of models of literary interpretation.
3. **Transnational** — These courses will involve a significant focus on the study of literary texts and traditions from other countries in relation to those of England and the United States.
4. **Formal** — These courses will foreground the study of different genres and their conventions.
5. **Social** — These courses will foreground the study of literature’s relationship to identity categories such as those based on class, race, ethnicity, gender, and sexuality.

More details about the five approaches to literary study listed above can be found on the English
department website and can be requested from the chair of the English department. Some courses may be featured under more than one category. Students are encouraged to take courses in creative writing as well as courses in other departments that complement their course of study and their areas of interest in English.

Minors who want to study abroad often spend their junior year at the University of London or the University of St. Andrews, and/or a summer at Oxford University through the Virginia Program at Oxford. A student considering study abroad should consult with her advisor for recommended preparatory courses.

With the exception of ENGL 451, no course used to fulfill minor requirements may be taken on a P/CR/NC grading option.

The English and Creative Writing Major
(39 semester hours)

Required:

Senior Exercise:
ENGL 453  (3)  Senior Portfolio Seminar

Choose 6 three-credit creative writing workshops, including ENGL 106 and at least one course in two of the following genres: fiction, poetry, creative nonfiction.

NOTE: As a general rule, students should begin their work in creative writing by enrolling in ENGL 106. Students may request permission to substitute another writing workshop for ENGL 106 by submitting to the program director prior to enrolling in one of the other creative writing workshops a portfolio of work that demonstrates significant creative writing experience and accomplishment.

Choose 2 three-credit courses in literature in the English department at the 200- or 300-level.

Choose 4 three-credit courses in literature in the English department at the 300-level.
NOTES:
A student may substitute the senior exercise requirements for the English major for one of her required literature courses. A student who selects this option must complete both ENGL 451 and ENGL 452.

Working closely with her advisor, a student may choose courses for her major that allow her to study an area of interest in depth; this may be particularly helpful as students prepare for the senior portfolio seminar. (For example, the student may focus on the particular literary genre that has been the primary focus of her creative work.) Or a student may instead choose to craft a major that offers breadth, pursuing courses in a wider range of topics. Students are encouraged to take course in other departments that complement their course of study and areas of interest in English and creative writing.
Three elective literature courses (9 semester hours) in the English department and two workshops (6 semester hours) must be taken at Sweet Briar College. In addition, the Senior Portfolio Seminar must be completed at Sweet Briar, for a total of 18 semester hours.

No course used to fulfill major requirements may be taken on a P/CR/NC grading option.

**The English and Creative Writing Minor**
(21 semester hours)

**Required:**

Choose 4 three-credit creative writing workshops, including ENGL 106 and at least one course in two of the following genres: fiction, poetry, creative nonfiction.

**Note:** As a general rule, students should begin their work in creative writing by enrolling in ENGL 106. Students may request permission to substitute another writing workshop for ENGL 106 by submitting to the program director prior to enrolling in one of the other creative writing workshops a portfolio of work that demonstrates significant creative writing experience and accomplishment.

Choose 1 three-credit course in literature in the English department at the 200- or 300-level.

Choose 2 three-credit courses in literature in the English department at the 300-level.

**NOTES:**
Two literature courses (6 semester hours) in the English department and two creative writing workshops (6 semester hours) must be taken at Sweet Briar College.

No course used to fulfill minor requirements may be taken on a P/CR/NC grading option.

**The Journalism, New Media, and Communications Minor**
(21 semester hours)

**Required:**
ENGL 211 (3) News Writing and Investigative Reporting
ENGL 311 (3) Feature Writing: Profiles, Columns and Op-eds
ENGL 377 (3) Internship (See note below)

**NOTE:** Students must complete a writing intensive three-credit internship with a media organization or business. Subject to minor advisor’s approval.

Choose 4 of the following courses (one of which must be a III.W course):
ARTS 119 (3) Photography I
ARTS 242 (3) Digital Art and Imaging
ENGL 205 (3) Business Writing
ENGL 271 (3) Nonfiction Workshop: The Art of the Personal Essay
Teacher Licensure
(49 semester hours)

A student wishing endorsement in secondary school education in English must complete at least 46 hours of work in language and literature. These should include all courses required for the English major or for the English and Creative Writing major, among which must be ENGL 317; either ENGL 322 or ENGL 324; and several courses in American, world, or ethnic literature. The student must take at least four additional courses (12 hours) including ENGL 104, THTR 102, and an independent study (ENGL 461) in the teaching of composition. Students seeking an additional endorsement in theatre arts should fulfill these requirements, which should include courses on British, American, and continental drama, and complete THTR 189 and THTR 392.

First-Year Writing Requirement Information
During their first semester at Sweet Briar College, unless exempted from the first-year writing requirement by means of transfer credit or Advanced Placement credit, all students will be placed in ENGL 100, Composition, ENGL 104, Thought and Expression, or, if they qualify after departmental review, a 100-level writing-intensive literature course in the English department.

Students with dual enrollment credit in English will receive college credit for their dual enrollment course(s). They will be placed in either ENGL 100, ENGL 104, or a 100-level writing-intensive literature course in the department, which they will be required to complete in their first semester. The placement will be determined by department review of student test scores, transcripts, and other pertinent information. Up to the end of the first week of class, a student may opt to take a separate placement test administered by the department. If placed in one of the department's 100-level writing-intensive literature courses, either initially or as a result of the placement test, the student will be exempted from ENGL 104. Otherwise, all students with dual enrollment credit in English will be required to pass ENGL 104 at Sweet Briar.

Students who have satisfied the first-year writing requirement via transfer credit will be encouraged but not required to take a writing-intensive course in the fall.

Students cannot drop or withdraw from ENGL 100, ENGL 104, or the 100-level writing-intensive literature course they are taking in the department to fulfill the first-year writing requirement without the written consent of the instructor, the chair of the department, and the Dean.

A student who receives a grade of F in either ENGL 100 or ENGL 104 must repeat that course in
consecutive semesters (for ENGL 100, consecutive fall semesters) until she passes it. When a student passes ENGL 100, she must enroll in ENGL 104 the following semester.

Students taking a 100-level writing-intensive literature course to fulfill the first-year writing requirement may not also use that course to fulfill the general education V.2 requirement or count it toward the requirements for the majors or minors in the department.

First-year students should take ENGL 104 (unless they have been exempted) and a 100-level literature course before enrolling in a literature course at the 200-level or above. Exceptions require the permission of the instructor and the chair of the department.

Course Descriptions

ENGL 100 – Composition (3)
Prerequisite: permission of the instructor. A study of the process of writing with practice in a variety of forms, emphasizing the development of composition skills. Offered every year in the fall semester.

ENGL 104 – Thought and Expression (3)
A workshop-based course that helps students become confident and effective readers and writers. This course engages students in writing as a process involving critical reading, thinking, writing, and revising. Students will learn to construct cogent and well-supported arguments and analyses. FYW

ENGL 106 – Introduction to Creative Writing (3)
An introductory course in the writing of fiction and poetry. The course may include other genres, such as creative nonfiction or drama. III.W, V.6b

ENGL 108 – Women and Literature (3)
A study of women characters and women writers in English, American, and foreign literature. May be counted as a discipline-based core course toward the minor in gender studies. FYW, III.W, V.2, V.5

ENGL 109 – The Origins of Fairy Tales (3)
Magic mirrors, sleeping thorns, elves, ogres, and talking animals - though commonplace in modern animated films and children’s stories, the trappings of fairy tales find many of their roots in the medieval imagination. This course will explore fairy stories from medieval Celtic and Germanic literatures, investigating the cultural beliefs that inspired them and tracing their development and enduring popularity into the modern era. Offered alternate years. FYW, III.W, V.2

ENGL 110 – Writing Across Worlds (3)
Prerequisite: Not open to students with credit for HNRS 247. This course focuses on selected works by acclaimed international writers, emphasizing historical and cultural contexts and exploring cross-cultural connections. III.O, V.2
ENGL 116 – American Fiction (3)
This course examines distinctive contributions made to the art of fiction by selected 20th-century writers such as Hemingway, Fitzgerald, Faulkner, Welty, Morrison, Hong Kingston, Erdrich, DeLillo, and Diaz. We will also consider how the geographical, historical, social, and psychological landscapes depicted in these works shape our understanding of America today. FYW, III.W, V.2

ENGL 124 – Myth, Legend, and their Retelling (3)
Prerequisite: ENGL 104. A study of myths and legends from biblical, classical, and medieval sources, and of their modern retellings in both literature and film. Works to be examined will include the story of Samson from the Book of Judges and Milton’s “Samson Agonistes,” “The Odyssey,” and the movie “O Brother, Where Art Thou?,” “Beowulf” and John Gardner’s “Grendel.” Offered alternate years. V.2

ENGL 126 – Forbidden Love (3)
From Renaissance poems bemoaning chastity to modern novels confessing illicit rendezvous, literature has both shaped and reflected our understanding of love and sexuality. Most notably, forms of desire disdained by society have found expression in the imaginative space of literature. This course will investigate literary and filmic representations of these forbidden loves, with particular attention to the works’ literary and social ramifications. May be counted as a discipline-based core course toward the minor in gender studies. Offered alternate years. III.W, V.2, V.5

ENGL 136 – Something Wicked: Monsters and Monstrosity, Medieval to Modern (3)
From “Beowulf’s” murderous Grendel to modern horror films, people have always been fascinated by the monstrous. This course will cover a variety of texts that incorporate both “real” monsters and characters demonstrating monstrous behavior, examining how the definition of what is monstrous has changed over the years and the social commentary implicit in the distinction between what is human and what is not. Offered alternate years. III.W, V.2

ENGL 138 – The Art of Poetry (3)
Emily Dickinson wrote that poetry made her “feel physically as if the top of my head were taken off.” In this introductory course, students will cultivate an appreciation of poetry by reading both classic and contemporary poems, with attention to language, form, and literary context. Our goal will be to share Dickinson’s sense of wonder, pleasure, and intellectual satisfaction as we ourselves practice the art of reading poetry. Offered alternate years. III.W, V.2

ENGL 140 – Passion and Romance: Jane Austen and the Bronte Sisters (3)
This course examines the novels of Jane Austen and the Brontes in their historical and cultural context. It explores Austen’s reimagining of plots for the novel from Pride and Prejudice to Persuasion. It studies the Brontes’ incorporation of both gothic and realist plots in their novels and considers how the confluence of gender and genre reinvented the form and plots of the nineteenth-century novel. FYW, III.W, V.2, V.5
ENGL 142 – Mystics and Visionaries (3)
A study of mystical and visionary texts from the late Middle Ages and early Renaissance through today. We will read religious mystical writing and also works that developed from the visionary tradition, such as utopian writing and science fiction. We will read individual texts closely while also considering the larger questions these texts address about religion, spirituality, civil society, and science. IIIW, V.2

ENGL 149 – Introduction to Film Studies (3)
Students will become familiar with the aesthetic elements of cinema (visual style, sound, narrative and formal structure), the terminology of film production, and film theories relating to formalism, psychoanalysis, and feminism. Films will be discussed from aesthetic, historical, and social perspectives. V.6a

ENGL 209 – Poetry Workshop: Poetry and Environment (3)
*Prerequisite: ENGL 106.* This course will study poetry and place, and activities will include field work in two destinations - one urban, one rural and/or sub-rural - and will encourage students to consider the way that art, experience, and our common shared physical/political reality influence one another. Offered alternate years. III.W, V.6b

ENGL 211 – News Writing and Investigative Reporting (3)
*Prerequisite: ENGL 104.* This course provides an introduction to “hard news” reporting and editing in the age of Google, Facebook, Twitter, and blogging. Emphasis will be placed on developing story ideas, research and interviewing skills, and the ethical use of social media as news-gathering tools. Students will be required to maintain a blog and submit course assignments to the student newspaper. Offered alternate years. III.O, III.W, V.6b

ENGL 216 – Poetry Workshop: Form, Function, and Meaning (3)
*Prerequisite: ENGL 106.* The poem is a combination of music and meaning, with each element guided by form or structure. This course will teach rhyme, meter, a variety of forms, and free verse strategies. What elements of form can amplify meaning? How can free verse avoid arbitrary lineation? Students will read, write, and peer-critique poems in a variety of traditions. Readings will include selections from the “Norton Anthology of Modern and Contemporary Poetry” and Paul Fussell's “Poetic Meter and Poetic Form.” Offered alternate years. III.W, V.6b

ENGL 217 – Special Topics in Literature I (3)
*Prerequisite: First-year students with permission.* Topic will vary by semester. Close reading, various interpretive strategies, and research skills will be stressed. This course may be counted toward the transnational requirement for the majors of English and English and creative writing when content is appropriate. V.2

ENGL 218 – Special Topics in Literature II (3)
*Prerequisite: First-year students with permission.* Topic will vary by semester. Close reading, various interpretive strategies, and research skills will be stressed
ENGL 226 – Tutoring Writing: Theory and Practice (3)
Prerequisite: Sophomore standing, 3.0 GPA, and permission of the instructor. The course is a practicum designed to introduce students to the theory and practice of peer tutoring in writing across the disciplines. Students will study composition theory and pedagogy and develop skills in responding to student writing through course readings, writing assignments, and peer tutoring. Theories will be tested through observation and practice.

ENGL 235 – Shakespeare (3)
Prerequisite: First-year students with permission. A study of selected comedies, histories, tragedies, and romances by William Shakespeare with attention to the plays’ cultural and literary context. Topics will vary by semester. V.2

ENGL 236 – The English Sonnet (3)
Prerequisite: First-year students with permission. A study of the sonnet, arguably the most versatile and enduring poetic form in English. We will read major sonnets and sonnet cycles of the Renaissance, including works by Petrarch (in translation), Wyatt, Sidney, Wroth, Spenser, Shakespeare, Donne, and Milton. We will investigate historical and social trends in the poetry, and we will consider how individual writers adapt the form for their own ends. Finally, we will examine the sonnet's development since its resurgence in the Romantic period. III.O, V.2

ENGL 239 – Old English Language and Literature (3)
Prerequisite: First-year students with permission. An introductory study of the vocabulary, grammar, and syntax of the Anglo-Saxon language. Because Old English is the linguistic ancestor of Modern English, students will learn some of the foundations of the language they speak as they begin translating prose and poetic texts from the 9th-11th centuries. Students will also consider elements of the Anglo-Saxon culture and poetics as they translate such poems as “The Dream of the Rood,” “Judith,” “The Seafarer,” and portions of “Beowulf.” V.2

ENGL 243 – Star Struck: Stardom and Hollywood Cinema (3)
Why are film stars so fascinating to us and what are the pleasures we get from them? In this course we will study the Hollywood star system and the relationship between performance and stardom. We will examine issues such as the star as commodity, the star as text, and the star as an object of desire. Films to be considered are: “The Godfather,” “Gone with the Wind,” “The Wizard of Oz,” and “Some Like it Hot.” V.6a

ENGL 245 – Uncommon Sense: Six Women Poets (3)
Prerequisite: First-year students with permission. This course focuses on six important women poets, Gertrude Stein, Mina Loy, Elizabeth Bishop, Jorie Graham, Anne Carson, and Harryette Mullen, and their legacy of experimentation. We will explore how their poems put pressure on conventional forms, subverting established meanings and creating new ones, and how gender figures into their poetry and essays as a thematic and theoretical concern. We will attend to both the affinities and the unique qualities of each poet - and poem - that we encounter. May be counted as a discipline-based core course toward the minor in gender studies. Offered on a three-year rotation. III.O, V.2, V.5
ENGL 251 – The Medieval Literary Imagination (3)
Prerequisite: First-year students with permission. Students will explore the medieval imagination by studying texts from a variety of medieval genres (e.g. allegory, romance, chanson de geste, dream vision, saga, and examples of medieval drama). In an effort to understand how people in the Middle Ages perceived themselves and the world around them, students will examine literature from throughout Europe and spanning the medieval period. V.2

ENGL 252 – Tales from the Viking Age (3)
Prerequisite: First-year students with permission. As one of the great vernacular literatures of medieval Europe, the Old Norse-Icelandic corpus tells the stories of the legendary heroes and colorful families of the Viking Age. Focusing particularly on sagas, this course introduces Old Norse-Icelandic literature in translation and fosters skills in close reading and interpretation through a concentration on form, structure, motif, and characterization. We will also discuss the historical milieu in which these texts were composed and transmitted, and how the literature represents aspects of early medieval culture, including such topics as travel abroad and raiding, settlement, law, love and marriage, feasting, warrior ethics, blood feud, cosmology and religious rituals, and the conversion to Christianity. Offered alternate years. V.2

ENGL 253 – Banned Books (3)
Prerequisite: First-year students with permission. We will read banned books from a range of historical periods and will work to understand society’s ethical ambivalence towards these texts. We will investigate whether literature’s treatment of topics like religion, violence, race, and sexuality is dangerous or even harmful, ask how society should react to potentially disruptive literature, and work to determine the social value of these works. III.O, V.2, V.7

ENGL 254 – Fiction Workshop: First-Person Narrative (3)
Prerequisite: ENGL 106. The first-person narrator in fiction - the “I” of a story - is a unique creature: an enchanter, a confessor, a witness. What are the advantages and risks of first-person narration? How is that controlling perspective or point of view established? This course will introduce students to a variety of compelling first-person narrators in short fiction and ask students to create a series of persuasive voices for their own stories. Offered alternate years. III.O, III.W, V.6b

ENGL 256 – New Writing from Ireland and Scotland (3)
Prerequisite: First-year students with permission. This course introduces students to the extraordinary vitality of the contemporary Irish and Scottish literary scenes. We will focus on competing visions of Ireland and Scotland and what it means to be “Irish” or “Scottish” today, the growing dialogue between the two cultures, and the role of literature in responding to, and at times promoting, social and political change. All works will be read in English. Close reading, various interpretive strategies, and research skills will be stressed. III.O, V.2

ENGL 258 – Native American Literature (3)
Native American life and texts are bicultural products which combine, sometimes uneasily, tribal concepts and narrative forms with “Western” ones. This course will examine some of the literary effects of such intersections and issues such as gender constructions in the works. The class
will introduce students to a variety of significant native writers and cultural traditions. Works studied can include fiction. Close reading, various interpretive strategies, and research skills will be stressed. III.W, V.2

ENGL 261 – Directed Study (1, 2, 3)
Prerequisites: One ENGL course and permission of the instructor. Study at an introductory level of selected topics in literature or writing to be pursued by individual students under the immediate supervision of a department member.

ENGL 263 – Fiction Workshop: The Love Story (3)
Prerequisite: ENGL 106. There are as many different kinds of love story as there are different kinds of love: between parent and child, between siblings, between spouses, between friends, between people and places or people and objects. Are all love stories necessarily tragic? How does a writer avoid the danger of sentimentality? What about writing about sex? Students will write their own love stories over the semester and read short fiction that will enlarge and enrich their definitions of love. Offered alternate years. III.O, III.W, V.6b

ENGL 266 – Fiction Workshop: A Sense of Place (3)
Prerequisite: ENGL 106. The setting or place of a story - the fictional universe, real or imagined - can be as important as a story’s characters and events, shaping narrative in powerful ways. How do writers use setting to enrich or enlarge or complicate a story, and how does the world of a story play a role in a story’s unfolding drama? Students will read short stories distinguished by vivid or unusual landscapes and write original works of their own in which setting plays an important part. Offered alternate years. III.O, III.W, V.6b

ENGL 271 – Nonfiction Workshop: The Art of the Personal Essay (3)
Prerequisite: ENGL 106. This course will acquaint students with the personal essay as a literary genre. Readings will range widely in subject matter, period, and style in order to afford students an understanding of the different ways in which essays can be “personal.” Writing assignments will ask students to engage in different styles, experiment with the conventions and structures common to essays of the past, and explore innovations of the present. Offered alternate years. III.W, V.6b

ENGL 275 – Nonfiction Workshop: Memoir Writing (3)
Prerequisite: ENGL 106. In this course students will write the first three chapters of their own memoir. In preparation for this semester-long writing project, students will closely read a variety of contemporary memoirs to become familiar with both the array of narrative conventions and strategies memoirists employ as well as the stylistic and structural concerns one confronts when writing autobiographically. Emphasis will be placed on recent memoir scandals and memoirs that question the line between fact and fiction. Offered alternate years. III.W, V.6b

ENGL 282 – Modern American Authors (3)
Works in different genres by selected modern and contemporary American authors will be studied in relation to larger literary, social, and cultural developments. Writers may include Edith
Wharton, Sherwood Anderson, Robert Frost, Sterling Brown, Richard Wright, Carson McCullers, Lorraine Hansberry, Allen Ginsberg, Maxine Hong Kingston, Richard Rodriguez, Anna Deveare Smith, and Li-Young Lee. Close reading, various interpretive strategies, and research skills will be stressed. Offered alternate years. III.W, V.2

ENGL 302 – Special Topics (3)
Prerequisite: Sophomores with permission. Topic will vary by semester. This course may be repeated once for credit when the topic is different.

ENGL 306 – The Arthurian Tradition (3)
Prerequisite: Sophomores with permission. A study of the literature concerning King Arthur and his knights, focusing primarily on medieval texts (from England, Wales, France, and Germany), but also examining modern literature and film (by Tennyson, Twain, and White, for example). In an effort to understand why the legend endures, students will consider how the stories of Arthur have been created, manipulated, revised, and reused across cultures and throughout time. Offered alternate years. V.2

ENGL 309 – Poetry Workshop: Art, the Poem, and Collaboration (3)
Prerequisite: ENGL 106. Since modernism, poets have focused their attention on the rendition of visual images in language. Poems that respond to the visual arts, either in their subject or in their mode of composition, bring the reader a uniquely layered and synesthetic experience. This course will offer collaborative opportunities, and will encourage students to respond to paintings, photography, sculpture, dance, film, and conceptual art. Students will read, write, and peer-critique poems in a variety of traditions. Offered alternate years. III.W, V.6b

ENGL 311 – Feature Writing: Profiles, Columns, and Op-eds (3)
Prerequisite: Sophomore standing. This workshop-based course introduces students to the reporting techniques, stylistic differences, and structural conventions of profiles, columns, and op-eds — the types of journalism commonly found in newspapers and magazines under the headings “Feature” and “Opinion.” Special emphasis will be placed on writing for Web publications and blogs and on using social media (Facebook and Twitter) to develop story ideas. Offered alternate years. III.W, V.6b

ENGL 315 – Swords and Shieldmaidens: Gender Politics in Medieval Heroic Epic (3)
Prerequisite: Sophomores with permission. Though medieval heroic epics focus on (and are often named for) their male heroes, they also include female characters of subtle but essential significance. This course will examine representations of gender and gender roles in medieval heroic literature and how those representations change over time and across cultures, assessing the extent to which the heroes of this genre owe their fame and fates to the unacknowledged heroines with whom they interact. V.2, V.5
ENGL 317 – History of the English Language (3)
*Prerequisite: Sophomores with permission.* A study of the continuing development of English words, grammar, and syntax, including sources of vocabulary and changes of form, sound, and meaning. *May not be counted toward the minor in English.* Offered alternate years. V.1

ENGL 318 – Poetry Workshop: Poetry of Transgression – Envy, Ecstasy, Gluttony, Lust (3)
*Prerequisite: ENGL 106.* If the ability of a poet is a balance of her powers of perception and powers of expression, how can consideration of subject matter amplify the former? How can broadening one’s emotional and intellectual range refine the latter? This course will encourage students to approach the broadest possible range of subject matter, and to engage it in a way that’s ethical, elegant, and effective. Students will read, write, and peer-critique poems in a variety of traditions. Offered alternate years. III.W, V.6b

ENGL 319 – Chaucer (3)
*Prerequisite: Sophomores with permission.* A reading of Chaucer’s early dream visions (“The Book of the Duchess” and “The Parlement of Foules”) and “The Canterbury Tales.” Offered alternate years. III.O, V.2

ENGL 320 – Medieval Dreamworks (3)
*Prerequisite: Sophomores with permission.* Flocks of birds squabbling - in English- over who should rule the roost; an eagle transporting Chaucer to the heights of the cosmos; and an all-too-close encounter with Gluttony. These are the stuff of medieval dream-visions, which were believed to convey truths in obscure or allegorical form. For well over a thousand years, poets found in the dream-vision a powerful and popular genre for addressing controversies about love, fame, death, religious doctrine, and politics. In forms that include debate, satire, and allegory, and tones ranging from deep seriousness to high comedy, medieval poets crafted their dream-visions to instruct and delight readers. Texts will include the Old English “Dream of the Rood,” and works by Boethius, Chaucer, Langland, and the Gawain poet. *May be counted toward the minor in Medieval and Renaissance studies.* V.2

ENGL 322 – Romance and Renewal: Shakespeare and Elizabethan Drama (3)
*Prerequisite: Sophomores with permission.* An examination of English Renaissance drama before 1603, including early works by Shakespeare and plays by his Elizabethan contemporaries such as Lyly, Greene, Marlowe, Kyd, and Dekker. We will study the increasing secularization and professionalization of theater, the development of comedy and pastoral, and the emergence of revenge tragedy. Both textual analysis and dramaturgy will be emphasized. Offered alternate years. V.2, V.6a

ENGL 324 – Revenge and Ravishment: Shakespeare and Jacobean Drama (3)
*Prerequisite: Sophomores with permission.* An examination of English Renaissance drama after 1603, including late works by Shakespeare and plays by his Jacobean contemporaries such as Jonson, Middleton, Webster, and Ford. We will study the theater’s increasing use of sensationalistic plots and characters as well as the drama’s probing exploration of the
individual’s relationship to social authority. Both textual analysis and dramaturgy will be emphasized. Offered alternate years. V.2, V.6a

ENGL 329 – American Romanticism (3)
Prerequisite: Sophomores with permission. Study of works of 19th-century American Romantic writers or those who are strongly influenced by them. Emphasis on writers such as Alcott, Douglass, Emerson, Fern, Fuller, Whitman, Dickinson, Hawthorne, Melville, Phelps, Thoreau, and Chopin. Offered alternate years in the fall semester. May be counted as an auxiliary course toward the minor in gender studies. III.O, V.2

ENGL 330 – African-American Literature (3)
Prerequisite: Sophomores with permission. A study of 20th- and 21st-century African-American writers, with emphasis on the Harlem Renaissance and more contemporary works. Topics may include models of identity and sexuality, the effects of primitivism, folk materials, and dominant cultural values on literary forms. Writers such as Dubois, Toomer, Hurston, Wright, Ellison, Larsen, Morrison, and Walker will be included. Offered alternate years in the spring semester. May be counted as an auxiliary course toward the minor in gender studies. V.2, V.5

ENGL 331 – The 19th-Century American Novel (3)
Prerequisite: Sophomores with permission. Topics can include the movements towards modernism and realism as well as the re-evaluation of women and minorities in American life. Offered alternate years in the fall semester. May be counted as an auxiliary course toward the minor in gender studies. III.W, V.2

ENGL 332 – Modern and Contemporary Women Writers (3)
Prerequisite: Sophomores with permission. A study of a cross section of 20th- and 21st-century American and international women’s works in relation to the following literary and thematic issues: narrative experimentation, ethnic or cultural identity, and relation between individual aspiration and cultural expectation. Offered alternate years. May be counted as a discipline-based core course toward the minor in gender studies. V.2, V.5

ENGL 334 – Fiction Workshop: Research and the Fiction Writer (3)
Prerequisite: ENGL 106. This course focuses on how fiction writers use the material of the real world - real places, real people, real events - in the fictional universe, considering such questions as how a fiction writer’s research methods and purpose might differ from an historian’s. Students will read and write short stories that arise out of historical or contemporary fact or account and examine how the imagination transforms fact into fiction. Offered alternate years. III.O, III.W, V.6b

ENGL 339 – Women in 19th-Century Literature (3)
Prerequisite: Sophomores with permission. This course will explore the various mythologies that attend upon the idea of womanhood in the Romantic and Victorian eras, among them: woman as object and subject of desire; as demon and saint, virgin and prostitute, mother, rebel, and slave; as mysterious force, and fetishized commodity; as heavenly entity and chthonic creature of
ENGL 340 – The Sacred and the Profane in the English Renaissance (3)
Prerequisite: Sophomores with permission. This course will investigate the relationship between the religious and secular realms in Early Modern English literature. We will give particular attention to the uncertain delineations among holy, patriotic, familial, and erotic forms of love in poetry and literary prose. Contexts will include the Protestant Reformation, the Scientific Revolution, the court, colonialism, and the English Civil War. Authors may include Spenser, Sidney, Wroth, Herbert, Donne, Milton, Cavendish, and the Cavalier poets. Offered alternate years. V.2

ENGL 343 – Gothic Worlds (3)
Prerequisite: Sophomores with permission. We will study gothic literature in England during the nineteenth century in texts by Ann Radcliffe, Mary Shelley, Emily Bronte, Bram Stoker, and Oscar Wilde and then examine gothic returns in three films: “Let the Right One In,” “Sin City,” and “The Dark Knight.” We will explore historical, social, and psychological reasons for the appearance of gothic literature as we read critical works on gothic theory. Offered alternate years. V.2

ENGL 344 – Women in the Renaissance (3)
Prerequisite: Sophomores with permission. During the time of Shakespeare, the social position of women was both paradoxical and precarious. A woman ruled England, yet women were considered “naturally” inferior to men. In this course, we will examine Early Modern literature written by women- as well as literature written by men about women- that explores women’s various roles in both personal and public Renaissance settings. Offered alternate years. May be counted as a discipline-based course toward the minor in gender studies. III.W, V.2, V.5

ENGL 346 – Literature Unbound: Novels of the New Century (3)
Prerequisite: Sophomores with permission. This course features some fascinating recent literary creations ranging from transnational novels that crisis-cross boundaries within the "known" world to so-called "new weird" fiction that takes us into wholly unfamiliar territory. These transgressive texts refuse to be bound by genre constraints, make us shed our preconceptions, and boldly expand the field of fiction. Writers may include Roberto Bolano, W.G. Sebald, David Mitchell, Karen Tei Yamashita, Don DeLillo, Lauren Beukes, and China Mieville. Offered alternate years. III.O, V.2

ENGL 348 – Fiction Workshop: The Long Story (3)
Prerequisite: ENGL 106. The long story or novella seems to fall into a middle distance between the novel and the short story. In their unique suspension of a narrative over time, novellas and long stories have neither the luxury of a novel’s length nor the constraint of a short story. What are the possibilities and characteristics and challenges of the form? Students will both read
examples of long stories and novellas and, over the course of the semester, write one of their own. Offered alternate years. III.O, III.W, V.6b

ENGL 361 – Special Study (1, 2, 3)
Prerequisites: One 100-level ENGL course and permission of the instructor. Study at an intermediate level of selected topics in literature or writing to be pursued by individual students under the immediate supervision of a department member.

ENGL 365 – Fiction Workshop: Linked Narratives (3)
Prerequisite: ENGL 106. Stories in collections of narratives linked by theme, setting, and/or character function both individually and as a unified whole. What are the pleasures and achievements of such collections? Is there a particular narrative that lends itself to this treatment? How are such stories different from chapters in novels? Collections of linked narratives will serve as models for students as they write their own series of linked stories and examine the pleasures, challenges, and opportunities of the form. Offered alternate years. III.O, III.W, V.6b

ENGL 367 – Visionary Rebels: Romantic Artists (3)
Prerequisite: Sophomores with permission. This course explores Romantic poets and Gothic novelists, focusing on key Romantic ideas such as the artist as hero, the sublime, nature and the imagination, the irrational, and revolution. It will then study parallel developments in painting through the examples of Constable, Delacroix, and Turner, and in music through the examples of Beethoven, Chopin, Liszt, and Berlioz. Offered alternate years. V.1, V.2

ENGL 371 – Nonfiction Workshop: Writing about Film and Music (3)
Prerequisite: ENGL 106. This course introduces students to the strategies for writing with depth, intelligence, and style about film and music. Students will learn to write brief capsule reviews for general audiences and longer researched review essays for more sophisticated and niche audiences. All students will be required to create and maintain a blog as well as attend film screenings and live musical performances. Offered alternate years. III.W, V.6b

ENGL 377 – Internship (1, 2, 3)
Prerequisite: Permission of the instructor and department chair. This course is graded P/CR/NC only.

ENGL 383 – Fiction Workshop: The Fantastic in Fiction (3)
Prerequisite: ENGL 106. Ghosts, talking animals, and aliens - among other strange phenomena - belong to the fictional universe referred to as magical realism or fabulism or fantastic fiction. What is the difference between this broad genre and so-called fantasy fiction (and why is one a higher order of art than the other), and how and why does a writer employ the impossible to describe the possibilities of human experience? Students will read and write stories that push at the boundaries of the real world. Offered alternate years. III.O, III.W, V.6b
ENGL 386 – Fatal Attractions: Death and Sex in the 19th-Century Novel (3)
Prerequisite: Sophomores with permission. This course will study the conjunction between sex and death in the nineteenth-century novel. It will explore the relationship between prostitution and death, criminality and death, and carnal love and death in the novels of Flaubert, Zola, Dickens, the Brontes, George Eliot, Thomas Hardy, and Mary Shelley. Theoretical works to be studied are those of Foucault, Freud, and Darwin. Offered alternate years. May be counted toward the minor in gender studies. V.2

Prerequisite: ENGL 106. Students in this course will examine and attempt journalistic and essayistic accounts of human rights disasters and social justice issues, discussing the ways in which writers balance personal agenda and ideology against the burden of proof and objectivity, both of which are often difficult to come by in the midst of a war, natural disaster, or atrocity. Readings may include Martha Gelhorn, Orwell, Primo Levi, John Hersey, Seymour Hersh, Tim O’Brien, Susan Sontag, Joan Didion, and Philip Gourevitch. Offered alternate years. III.O, III.W, V.6b

ENGL 393 – Modern Poetry (3)
Prerequisite: Sophomores with permission. This course focuses on the poetry of Yeats, Lawrence, Eliot, Stein, Millay, and Hughes. We will study their distinctive poetic achievements in relation to relevant traditions and contexts. In particular we will examine how their poetry reflects or contests modern ideas about the self, the nature of language, the significance of poetic forms, and the purpose of poetry. Offered alternate years in the fall semester. May be counted as an auxiliary course toward the minor in gender studies. III.O, V.2

ENGL 394 – Contemporary Poetry (3)
Prerequisite: Sophomores with permission. A study of a wide range of poetry in English from the mid-twentieth century to the present. Poets may include Auden, Larkin, Bishop, Lowell, Sexton, Plath, Brooks, Rich, Heaney, and Walcott. We will focus on questions of form, technique, and interpretation while relating these works to relevant movements and traditions as well as to the writers’ lives and times. Offered alternate years in the spring semester. May be counted as an auxiliary course toward the minor in gender studies. III.O, V.2

ENGL 397 – Becoming Modern (3)
Prerequisite: Sophomores with permission. A seminar focusing on 20th-century novels that helped to shape modern literature as well as our sense of what it means to be “modern.” Readings may include works by American, British, Irish, and European writers (in translation). Topics include the rise of mass culture and new technologies, crises of war and empire, and changing representations of the self, the unconscious, gender, and sexuality. Offered alternate years in the fall semester. May be counted as an auxiliary course toward the minor in gender studies. III.W, V.1, V.2
ENGL 451 – Senior Exercise Preparation (1)
Prerequisite: Open only to senior English majors and minors and English/creative writing majors. During this fall term course, a student under the supervision of an advisor will prepare her proposal and annotated bibliography for her senior thesis in the spring term. She will select a topic and line of inquiry that matches her strengths and interests. She will have the option to 1) re-envision and develop an earlier paper in ways that lead her into new areas of inquiry or 2) start an new project entirely. Each student should get departmental approval for her proposal by November 1. An annotated critical bibliography will be due by the end of the semester. This course will be graded P/CR/NC.

ENGL 452 – Senior Seminar (3)
Prerequisites: ENGL 451; required of all English majors. In this course, a student will write her senior thesis, participate in a weekly seminar, teach at least one class session related to her project, and give a public presentation of her work. The structured series of activities of the seminar will aid each student in building on the preliminary work she has done as an English major. Each student will contribute to her classmates’ projects by following their progress and offering constructive criticism of their work. The senior seminar also involves the further study of research methods, argumentation, and critical theory. This course cannot be taken on a P/CR/NC grading option. III.W

ENGL 453 – Senior Portfolio Seminar (3)
Prerequisite: Senior standing; open to English/creative writing majors only. This course serves as a workshop for senior English/creative writing majors completing their creative writing portfolios. Students will read across three genres — fiction, poetry, and nonfiction — from a range of contemporary literary journals, developing a picture of the current publishing landscape beyond the traditional form of the book. In addition, through peer and instructor responses and editing, students will revise and refine the work to be included in their final portfolios. III.W, V.6b

ENGL 461 – Independent Study (1, 2, 3)
Prerequisites: One 100-level ENGL course, one 200-level ENGL course, and permission of the instructor. Pursuit of an upper level research project determined in advance by the student in consultation with a faculty member who will act as the sponsor.

Engineering

Students interested in engineering or applied science may choose to major or minor in engineering science. The curriculum is design-based and hands-on with required industrial internship and abroad experiences. It consists of courses in engineering and the sciences, beginning with an introduction to the engineering design process and culminating in an engineering design capstone project focused on solving real-world problems in conjunction with industrial partners. The engineering program is interdisciplinary in nature, bridging the liberal arts and sciences by emphasizing not only how engineering is built upon basic scientific principles, but also on the vital benefits engineering has on both developing and modern societies.
The major stresses development of the ability to design and conduct experiments, function on multidisciplinary teams, and communicate effectively. The global and societal context of engineering solutions are emphasized through the implementation of designs outside of the United States.

Students may also pursue engineering through the dual-degree program. The first three years of the program are completed at Sweet Briar, where the student completes most of the general education requirements and the requirements for entry into an engineering program at an affiliated institution. After two years of study there, the student is awarded either a bachelor's (Virginia Tech, Washington University in St. Louis, Columbia University) or a master's (University of Virginia) degree in a specific engineering discipline. Credits will be transferred to Sweet Briar so that the student can satisfy the requirements for graduation and graduate with her class. A student who is interested in the dual-degree program should consult the engineering advisor as early as possible to plan her three-year course of study at Sweet Briar.

The Engineering Science Major (B.S.)
(80 semester hours)

**Required:**

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<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Description</th>
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<tbody>
<tr>
<td>BUSN 326</td>
<td>3</td>
<td>Project Selection and Management</td>
</tr>
<tr>
<td>CHEM 131</td>
<td>3</td>
<td>General Chemistry</td>
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<tr>
<td>CHEM 141</td>
<td>1</td>
<td>General Chemistry Laboratory</td>
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<tr>
<td>ENGR 110</td>
<td>4</td>
<td>Designing Our World: An Introduction to Engineering Design</td>
</tr>
<tr>
<td>ENGR 120</td>
<td>1</td>
<td>Foundations of Engineering Analysis</td>
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<tr>
<td>ENGR 188</td>
<td>4</td>
<td>Java Programming I</td>
</tr>
<tr>
<td>ENGR 205</td>
<td>3</td>
<td>Statics and Strength of Materials</td>
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<tr>
<td>ENGR 206</td>
<td>3</td>
<td>Dynamics and Kinematics</td>
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<tr>
<td>ENGR 215</td>
<td>4</td>
<td>Materials Science and Engineering</td>
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<td>ENGR 221</td>
<td>4</td>
<td>Electrical Circuits</td>
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<tr>
<td>ENGR 232</td>
<td>3</td>
<td>Technology and Society: A Global Perspective</td>
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<td>ENGR 307</td>
<td>4</td>
<td>Thermal and Fluid Systems</td>
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<tr>
<td>ENGR 324</td>
<td>4</td>
<td>Mechatronics</td>
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<td>ENGR 331</td>
<td>4</td>
<td>Machine Design</td>
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<td>ENGR 378</td>
<td>1</td>
<td>Engineering Co-op</td>
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<td>ENGR 415</td>
<td>3</td>
<td>Systems Modeling and Controls</td>
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<td>MATH 123</td>
<td>4</td>
<td>Calculus I</td>
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<td>MATH 124</td>
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<td>Calculus II</td>
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<td>MATH 328</td>
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<tr>
<td>PHYS 172</td>
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<td>General Physics II</td>
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<tr>
<td>PHYS 215</td>
<td>1</td>
<td>Matlab Programming</td>
</tr>
</tbody>
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**Senior Exercises:**

ENGR 451(3)  Capstone Design
Choose 1 additional three-credit ENGR course at the 200-level or above.

NOTES: With the exception of ENGR 261, ENGR 361, ENGR 378, and ENGR 461, no course used to fulfill major requirements may be taken on a P/CR/NC grading option.

Including the required credits from CHEM, MATH, and PHYS above, majors must complete 32 credits selected from BIOL (excluding BIOL 103), CHEM (excluding CHEM 119, 120, and 125), MATH (excluding MATH 106, 113, 211, and 213), PHYS (excluding PHYS 103, 113, and 114), and ENVR 143, 203, 244, 309, and 433.

The Engineering Science Minor
(18 semester hours)

Required:
ENGR 110  (4)  Designing Our World: An Introduction to Engineering Design
ENGR 120  (1)  Foundations of Engineering Analysis
PHYS 171  (4)  General Physics I

Choose 9 additional semester credits in engineering at the 200-level or above.

Course Descriptions

ENGR 110 – Designing Our World: An Introduction to Engineering Design (4)
This course emphasizes the design process – the process by which engineers approach problem-solving. Mechanisms are designed, built, and tested via active student participation in hands-on team projects. Students conduct experiments, apply underlying scientific principles, and analyze and present data. Underlying themes include teamwork, communication, optimization, design trade-offs, and decision-making. Intended for first- and second-year students. III.Q, V.8ab

ENGR 120 – Foundations of Engineering Analysis (1)
Prerequisite or co-requisite: MATH 123. This course focuses on developing proficiency in analytical approaches and techniques used by engineers in problem solving and design. Topics include solid modeling and engineering drawing using Inventor, and data manipulation and basic programming using Excel. A cooperative, hands-on learning approach will be used to encourage student interaction in and out of the classroom. III.Q

ENGR 188 – Java Programming I (4)
An introduction to computer science and object-oriented programming Java. Topics include data types and Java packages through collections and class design and implementation. Structured programming, object-oriented design, and the testing of programs will be stressed, emphasizing platform independent application development. Same as CSCI 188.
ENGR 205 – Statics and Strength of Materials (3)
Prerequisites: MATH 124 and PHYS 171. This course focuses on static force analysis. Students will study stresses, two- and three-dimensional force systems, equilibrium, structures, distributed forces, shear and bending moment diagrams, and friction. The course will also emphasize strength and elastic deflection of engineering materials due to loads applied axially, in torsion, in bending, and in shear.

ENGR 206 – Dynamics and Kinematics (3)
Prerequisites: ENGR 205, MATH 124, and PHYS 171. This course focuses on the application of vector algebra, matrix algebra, and free-body diagrams to the solution of two- and three-dimensional problems in rigid-body dynamics. The course covers motion of particles, motion of particle systems, mass center and moments of inertia, planar kinematics and kinetics of rigid bodies, and work-energy and impulse-momentum methods.

ENGR 215 – Materials Science and Engineering (4)
Prerequisites: CHEM 131 and CHEM 141. This course investigates relationships between microstructural characteristics of engineering materials and their macroscopic properties. The importance of defects in affecting material properties, methods of modifying properties, and manufacturing processes are studied. Particular emphasis is placed on the ability to select a combination of material and manufacturing process that is suitable for a specific engineering application. Three hours of lecture and three hours of laboratory. III.W

ENGR 221 – Electrical Circuits (4)
Prerequisites: PHYS 132 and PHYS 172. This course introduces the fundamental principles and the mathematical techniques used to analyze and model analog and digital circuits including energy storage elements. Course topics include resistive circuits, alternating current circuits, transient analysis, operational amplifier circuits, transistors, diodes, digital systems, and instrumentation. Three hours of lecture and three hours of laboratory. Same as PHYS 221.

ENGR 232 – Technology and Society: A Global Perspective (3)
Prerequisite: Sophomore standing. This course involves interdisciplinary teams of faculty and students considering cultural aspects of a developing world society - generally Latin America or the Caribbean - along with investigating relevant contemporary economic and political institutions, in designing solutions to real-world problems. In making design decisions, students are encouraged to view the problems holistically, considering the various perspectives of the disciplines involved. Two hours of lecture and three hours of laboratory. V.4, V.7

ENGR 261 – Directed Study (1, 2, 3)
Prerequisites: One ENGR course and permission of the instructor. The study of introductory level material by an individual student or by a small group of students under the immediate supervision of a faculty member.
ENGR 307 – Thermal and Fluid Systems (4)  
*Prerequisites: MATH 124 and PHYS 171.* This course introduces the fundamental laws of mass, momentum, and energy transport in thermal and fluid systems. Topics include thermodynamic and transport properties, conservation principles, fluid statics, internal and external fluid flow and heat transfer, mixtures, and chemical separation processes. Three hours lecture and one three-hour laboratory.

ENGR 323 – Finite Element Analysis (3)  
*Prerequisite: ENGR 205.* The finite element method is a numerical procedure for solving problems in continuum mechanics. This course emphasizes stress analysis and structural mechanics. The method is also applied to problems in heat transfer, fluid flow, and electric fields. The course emphasizes a hands-on approach based on solving real engineering problems using the ANSYS software package. Offered alternate years.

ENGR 324 – Mechatronics (4)  
*Prerequisite: ENGR 221.* This course focuses on designing systems by integrating mechanical, electrical, and control systems engineering. Topics covered include: electromechanical sensors, actuators, DA and AD convertors, and data acquisition methods. Digital control methods and microprocessors will be introduced in class and used to design and conduct experiments.

ENGR 328 – Special Topics in Engineering (3)  
*Prerequisite: Permission of instructor.* The study of an intermediate or advanced topic not normally covered in other engineering courses. Topic will vary by semester.

ENGR 331 – Machine Design (3)  
*Prerequisite: ENGR 205.* Students learn to design and select mechanical components and to predict component performance. Topics include shear and bending stresses in beams, beam deflections, column buckling, planar combined loading, static failure, fatigue failure, and surface failure. Specific component types, such as fasteners, springs, bearings, gears, brakes, and shafts are covered. Finite-element tools are utilized for linear elastic stress analysis. Three hours of lecture and three hours of laboratory.

ENGR 335 – Soil Mechanics (3)  
*Prerequisites: ENGR 205 and ENGR 215.* This course introduces the fundamental properties and behavior of soil as an engineering material. Topics of study include soil formation, physical properties, water flow through soils, capillarity, seepage, stresses, shear strength, lateral pressure, and bearing capacity. Hands-on soil identification and property testing along with design problems will be emphasized. *Not open to students who already have credit for ENGR 328 taken in Spring 2012.*

ENGR 361 – Special Study (1, 2, 3)  
*Prerequisites: 100-level ENGR course and permission of the instructor.* The study of an intermediate level topic by an individual student or by a small group of students under the immediate supervision of a faculty member.
ENGR 378 – Engineering Co-op (1)
Prerequisites: ENGR 120 and sophomore standing. Students will learn through hands-on experience obtained in an industrial or research setting with practicing engineers. Students receive one hour of co-op credit for 8 weeks of full-time, paid employment that has been approved by the engineering faculty. The student’s work is evaluated by the employer and by an engineering faculty member through reports and presentations. This course is graded P/CR/NC only.

ENGR 409 – Water and Wastewater Treatment (3)
Prerequisites: CHEM 131, CHEM 141, and ENGR 307. This course focuses on the design of physical, chemical, and biological processes for water and wastewater treatment. The sizing and design criteria for preliminary treatment, softening, coagulation, sedimentation, filtration, primary and secondary microbial treatment, disinfection, and bio-solids will be discussed in depth. Other topics include water demand projections, water source selection, water quality goals, and relevant federal and state regulations. Emphasis will be placed on the group design of hypothetical water and wastewater plants. Offered alternate years.

ENGR 411 – Thermal and Chemical Energy Applications (3)
Prerequisite: ENGR 307. This course applies the principles of thermodynamics, heat transfer, and chemical engineering to topics in energy. Topics include energy conservation in building heating and cooling, refrigeration and air conditioning systems, solar and wind energy, and electric/hybrid vehicles.

ENGR 415 – Systems Modeling and Controls (3)
Prerequisites: ENGR 206, ENGR 221, MATH 328, and PHYS 215. This course focuses on developing and analyzing models that describe input/output behavior of physical systems. Topics include transfer functions, frequency response, time/frequency domains, transient and time constant, root-locus, bode plots, and feedback control design.

ENGR 426 – Robotics (3)
Prerequisites: ENGR 206, MATH 328, and PHYS 215. The field of robotics is concerned with the design of electromechanical systems to assist or substitute for human effort. Typically, a robot has four fundamental capabilities: manipulation, locomotion, perception, and intelligence. This course focuses on all of these areas. Topics include spatial transformations, inverse kinematics, differential motions, dynamic force analysis, trajectory generation, actuation, sensing, and autonomous control.

ENGR 451 – Capstone Design (3)
Prerequisites: ENGR 221, ENGR 307, and ENGR 331. Engineering seniors, operating in design teams, apply principles of the design process to create a product or process to meet the needs of a customer. Projects may originate in industry, as a contest sponsored by a professional society, or in other venues. Design projects usually result in a deliverable prototype. Two hours of lecture and three hours of laboratory. III.O, III.W
ENGR 461 – Independent Study (1, 2, 3)
Prerequisites: One 100-level ENGR course, one 200-level ENGR course, and permission of the instructor. Pursuit of an upper level research project determined in advance by the student in consultation with a faculty member who will act as the sponsor.

Environmental Science

The Department of Environmental Science allows students to focus their courses in an interdisciplinary study of the complex issues regarding the sustainability of the natural environment in the face of human development. The program integrates humanities, natural and social science, policy and planning perspectives. A variety of courses provides students with emerging paradigms, theories, approaches, methods, and technical tools in environmental studies. These courses also develop ideas and skills needed to engage constructively with social and environmental issues brought about by changes in economic activities, technology, population, and human values.

A student may earn either the Bachelor of Arts degree in environmental studies or the Bachelor of Science degree in environmental science. The department also offers a minor in environmental science.

The Environmental Studies Major (B.A.)
(51-53 semester hours)

Core Requirements:
- BIOL 324 (4) Ecology
- ECON 101 (3) Principles of Microeconomics
- ECON 342 (3) Ecological Economics
- ENVR 101 (3) Introduction to Environmental Issues
- ENVR 203 (4) Freshwater Systems
- ENVR 215 (3) Environmental Policy Analysis
- ENVR 220 (3) Applied Environmental Analysis
- ENVR 309 (3) Energy and Atmospheric Pollution
- ENVR 316 (3) Geographic Information Systems I
- MATH 123 (4) Calculus I

Choose 1 of the following:
- ANTH 112 (3) Cultural Anthropology
- ANTH 221 (3) Culture, Society, and the Individual
- SOCI 100 (3) Introduction to Sociology: The Sociological Perspective
- SOCI 110 (3) Introduction to Sociology: Social Research
Senior Exercise:
ENVR 446 (3) Evaluation of Environmental Issues

Choose 1 of the following courses:
ENVR 377 (3) Internship
ENVR 450 (3) Senior Research in Environmental Studies
HNRS 399 (3) Summer Honors Research

Choose 3 of the following courses, at least one of which must be at the 300-level or above:
ANTH 322 (3) Food, Culture, and the Environment
BIOL 218 (4) Field Natural History
BIOL 316 (3) Seminar in Conservation Biology
ENVR 116 (4) Weather and Climate
ENVR 143 (4) Physical Geography: Landscapes
ENVR 210 (3) Humans and Wildlife
ENVR 228 (4) Oceanography
ENVR 319 (3) People and the American Landscape
ENVR 322 (3) Ecological Modeling
ENVR 329 (3) Global Diversity Conservation
ENVR 377 (3) Internship (if not taken above)
ENVR 393 (3) Topics in Environmental Studies
ENVR 416 (3) Geographic Information Systems II
ENVR 451 (3) Senior Research in Environmental Science
GOVT 246 (3) The Political Economy for International Development
SOCI 370 (3) Environmental Sociology

The Environmental Science Major (B.S.)
(61-63 semester hours)

Core Requirements:
BIOL 324 (4) Ecology
CHEM 131 (4) General Chemistry
CHEM 141 (1) General Chemistry Laboratory
CHEM 216 (3) Analytical Chemistry
CHEM 226 (1) Environmental Analytical Chemistry Laboratory
ECON 101 (3) Principles of Microeconomics
ENVR 101 (3) Introduction to Environmental Issues
ENVR 143 (4) Physical Geography: Landscapes
ENVR 203 (4) Freshwater Systems
ENVR 215 (3) Environmental Policy Analysis
ENVR 220 (3) Applied Environmental Analysis
ENVR 309 (3) Energy and Atmospheric Pollution
ENVR 316 (3) Geographic Information Systems I
MATH 123 (4) Calculus I

Choose 1 of the following courses:
MATH 124 (3) Calculus II
MATH 205 (3) Applied Statistics
PSYC 219 (4) Statistics for Behavioral Sciences

Senior Exercises:
ENVR 433 (3) Advanced Lab in Environmental Science
ENVR 446 (3) Evaluation of Environmental Issues

Choose 1 of the following courses:
ENVR 377 (3) Internship
ENVR 451 (3) Senior Research in Environmental Science
HNRS 399 (3) Summer Honors Research

Choose 2 of the following courses, at least one of which must be at the 300-level or above:
BIOL 218 (3) Field Natural History
BIOL 316 (3) Seminar in Conservation Biology
ECON 342 (3) Ecological Economics
ENGR 120 (3) Analyzing Our World: Foundations of Engineering Analysis
ENVR 116 (4) Weather and Climate
ENVR 210 (3) Humans and Wildlife
ENVR 228 (4) Oceanography
ENVR 319 (3) People and the American Landscape
ENVR 322 (3) Ecological Modeling
ENVR 329 (3) Global Biodiversity Conservation
ENVR 377 (3) Internship (if not taken above)
ENVR 393 (3) Topics in Environmental Studies
ENVR 416 (3) Geographic Information Systems II
ENVR 451 (3) Senior Research in Environmental Science (if not taken above)
MATH 315 (3) Biostatistics

The Environmental Science Minor
(18 semester hours)

Required:
ENVR 101 (3) Introduction to Environmental Issues
ENVR 316 (3) Geographic Information Systems I

Choose 12 additional semester hours of ENVR courses, at least 3 credits of which must be at the 300-level or above. ECON 342 may be taken as one of these electives.

Course Descriptions

ENVR 101 – Introduction to Environmental Issues (3)
An introduction to the multi-disciplinary field of environmental studies involving the integration of environmental science, policy and planning. This course introduces various environmental problems, their causes and potential solutions. The course examines the issue of
overpopulation and current global environmental crises such as ozone depletion, loss of biodiversity, tropical deforestation, and contamination of water and air. V.4

ENVR 116 – Weather and Climate (4)
This course provides an introduction to the fundamental principles controlling atmospheric motion and how that manifests as weather and climate. Variations in weather over long time scales will also be explored to provide context for the current debate over climate change. Topics include clouds, air pollution, monsoons, El Nino, hurricanes, tornadoes, weather forecasting, and climate. V.8ab

ENVR 143 – Physical Geography: Landscapes (4)
A study of the geologic processes that shape the Earth’s surface, including natural hazards such as volcanoes, earthquakes, landslides, and climate change. The nature and distribution of landforms, rocks, and soils are explored, along with their relationship to human society. Lab involves hands-on investigation of these topics, including map interpretation and field exercises. V.8ab

ENVR 203 – Freshwater Systems (4)
Prerequisite: Permission of instructor. A study of freshwater systems including streams, lakes, and groundwater. Physical, chemical, and ecological components of aquatic environments are examined with an emphasis on water quality, hydrology, geomorphology, and water resource management. Includes hands-on field and lab experience applying concepts to real-world problems. V.8ab

ENVR 210 – Humans and Wildlife (3)
Prerequisite: ENVR 101. An historical and contemporary examination of human interaction with wildlife. Basic ecological principles are applied to the conservation and management of wildlife with particular emphasis on the role of humans in the environment. Students explore the development of human-wildlife relationships from prehistoric times through the agricultural revolution and European expansion to modern issues of wildlife conservation. Offered alternate years. V.1

ENVR 215 – Environmental Policy Analysis (3)
Prerequisite: ENVR 101. An introduction to the principles of environmental policy planning and analysis. The development of environmental policy is explored and students are introduced to the legal and regulatory institutions affecting environmental policy. Emphasis is placed on the processes by which interest groups compete for favorable policy and on the analysis of the social and economic results of specific environmental policies. Offered alternate years. V.7

ENVR 220 – Applied Environmental Analysis (3)
Prerequisites: ENVR 101, first-year students with permission. An examination of the processes used to understand, analyze, and solve environmental problems. Students are introduced to experimental design and the use of mathematics and statistics to analyze data. Problems
involving stock, dimensional, mass balance, and population analysis are studied. Applied static and dynamical modeling of environmental problems is emphasized. This course cannot be taken on a P/CR/NC grading option.

**ENVR 228 – Oceanography (4)**
*Prerequisite: Not open to first-year students.* Introduction to the geological, chemical, physical, and ecological aspects of the world's oceans. Topics include the origin and structure of coastlines and ocean basins; properties and constituents of seawater; tides, waves, currents, and circulation patterns; air-sea interactions and ocean-climate dynamics; and life in the ocean. Emphasis will be placed on the climatic and environmental importance of the ocean. **V.8ab**

**ENVR 244 – Environmental Chemistry (3)**
*Prerequisites: CHEM 131 and ENVR 203. Co-requisite: CHEM 226.* Application of the fundamental principles of chemistry to understand the source, transport, and fate of inorganic and organic compounds in natural and polluted environments. Students will receive an introduction to the hydraulics, engineering, and chemistry of drinking water treatment, wastewater treatment, storm water management, and hazardous waste treatment. Methods of chemical analysis will also be stressed.

**ENVR 261 – Directed Study (1, 2, 3)**
*Prerequisites: One ENVR course and permission of the instructor.* The study of introductory level material by an individual student or by a small group of students under the immediate supervision of a faculty member.

**ENVR 309 – Energy and Atmospheric Pollution (3)**
*Prerequisite: ENVR 215.* Dwindling, nonrenewable fossil fuel resources and air pollution issues, including climate change, ozone depletion, acid rain, and smog, are some of the most significant environmental problems of the 21st century. This course takes an in-depth look at both energy and atmospheric pollution, focusing on the science behind the issues and exploring their social, political, and economic aspects. **III.O**

**ENVR 316 – Geographic Information Systems I (3)**
*Prerequisite: Permission required for first-year students.* A practical, hands-on introduction to geographic information systems (GIS) as applied to current issues in a wide range of disciplines. The course introduces maps and map-making, GIS fundamentals, the global positioning system (GPS), and remote sensing. Lab involves learning to use ArcGIS software at the ArcView level for mapmaking and management/analysis of spatial data, along with basic web page construction. Two hours lecture and three hours lab per week.

**ENVR 319 – People and the American Landscape (3)**
*Prerequisite: ENVR 101 or ENVR 143.* As lifestyles, technologies, and values have changed over time, the relationship between humans and the American landscape has also evolved. Through examination of the issues of food and agriculture, urbanization, and wilderness protection, this course analyzes how and why people’s connection with the land has changed.
through time. The emergence of the American environmental movement is also explored. Offered alternate years. V.1

ENVR 329 – Global Biodiversity Conservation (3)
Prerequisite: BIOL 324. An examination of the social, economic, and ecological aspects of global biodiversity conservation. Students explore the roles of international institutions in biodiversity loss, the role of economic value in conservation, and the causes of conflicts between humans and wilderness in developing countries. Major international conventions, such as the Convention on Biological Diversity and CITES, are analyzed for effectiveness in promoting biodiversity conservation. Offered alternate years. V.4, V.7

ENVR 361 – Special Study (1, 2, 3)
Prerequisites: 100-level ENVR course and permission of the instructor. The study of an intermediate level topic by an individual student or by a small group of students under the immediate supervision of a faculty member.

ENVR 377 – Internship (1, 2, 3)
Prerequisite: Permission of the instructor and department chair. This course is graded P/CR/NC only.

ENVR 393 – Topics in Environmental Studies (3)
Prerequisite: Permission of the instructor. A focused investigation of a particular area of environmental studies. Topics will vary.

ENVR 416 – Geographic Information Systems II (3)
Prerequisite: ENVR 316. Hands-on exploration of topics in geographic information systems (GIS), including 3D visualization, spatial data models, raster analysis, and basic cartographic modeling. Involves application of ArcGIS software to a variety of geographic problems. Offered alternate years.

ENVR 433 – Advanced Lab in Environmental Science (3)
Prerequisites: BIOL 324, CHEM 226, ENVR 203, ENVR 220, and ENVR 244. Open to other senior non-majors by permission. Senior environmental science students will work in teams to address local and regional environmental science problems, applying techniques and theories learned in previous science and environmental studies classes. Attendance on a one-day field trip during Reading Days is required. One two-hour lecture and one three-hour laboratory per week. III.W

ENVR 446 – Evaluation of Environmental Issues (3)
Prerequisite: ENVR or ENSC majors or minors with senior standing. A course designed to help students synthesize knowledge gained in previous courses with students’ analytical abilities and facilities for oral and written persuasive argument. Students are provided with intractable environmental problems, about which they learn to perform independent research, develop clear
positions, persuade others of their positions, and defend those positions against competing views. III.O, III.W

ENVR 450 – Senior Research in Environmental Studies (3)
Prerequisites: ENVR 215 and ECON 342. An independent field or computer research project selected and carried out in consultation with a faculty sponsor. A written report and an oral presentation are required. In addition to research time, a weekly one-hour meeting with the advisor and periodic meetings with other research students will be required.

ENVR 451 – Senior Research in Environmental Science (3)
An independent laboratory, field, or computer research project selected and carried out in consultation with a faculty sponsor. A written report and an oral presentation are required. In addition to research time, a weekly one hour meeting with the advisor and periodic meetings with other research students will be required.

ENVR 461 – Independent Study (1, 2, 3)
Prerequisites: One 100-level ENVR course, one 200-level ENVR course, and permission of the instructor. Pursuit of an upper level research project determined in advance by the student in consultation with a faculty member who will act as the sponsor.

Equine Studies

Although there is no major or minor in Equine Studies, a certificate is offered for students interested in a career in the equine industry and for the student/amateur who would enjoy expanding her knowledge and experience in this area. The certificate is available in a management concentration and in a teaching and schooling concentration, and may be elected by students majoring in any department of the College. See the separate department listings for course descriptions.

The Equine Studies Certificate
(24-28 semester hours)

Required by both concentrations:
BUSN 127 (4) Accounting I
BUSN 150 (4) Marketing and Social Media
BUSN 205 (4) Management and Human Resources
RDPR 169 (0) Basic Horse Care

Choose 1 of the following concentrations:

Management Concentration

Required:
ENVR 101 (3) Introduction to Environmental Issues
RDPR 207 (2) Equine Activities Management Class
RDPR 218 (2) Horse Care and Stable Management Practicum
RDPR 390 (2) Farm and Stable Management

Choose 1 of the following:
RDPR 361 (3) Special Study
RDPR 377 (3) Internship

OR

Teaching and Schooling Concentration

Required:
EDUC 103 (3) Teaching, Learning and Human Development
RDPR 198 (1) Natural Horsemanship
RDPR 295 (1) Techniques for Student Teachers
RDPR 297 (0) Teaching Practicum
RDPR 392 (3) Theory and Practice of Schooling Horses
RDPR 396 (3) Contemporary Riding and Teaching

Choose 1 of the following:
RDPR 291 (1) Introduction to Schooling Horses

OR

Another 1-credit riding activity class at the 200-level or above

Choose 1 of the following:
BIOL 222 (4) Animal Behavior
PSYC 101 (3) Introductory Psychology
PSYC 231 (4) Animal Learning
PSYC 334 (3) Animal Minds

French

The modern language curriculum is designed to give students an opportunity to become conversant in one or more languages from linguistic, literary and cultural perspectives. We encourage serious students to examine the social, philosophical and aesthetic themes in literature and to acquire fluency and sensitivity to structure and style in the languages offered which include French, German, and Spanish.

Careers in such fields as government, law, business, medicine, social service, journalism, or education are enhanced by the knowledge of foreign languages. Many graduate programs require proficiency in a foreign language.
Majors are offered in French and Spanish. Students should spend their junior year in an approved program of studies abroad, or participate in an approved program of summer studies. Minors are offered in French and Spanish. In cooperation with other academic departments, the department also participates in programs providing a minor in Latin American Studies. This program is designed to encourage the student to combine her interests in a language with other disciplines. The student considering such a program, or planning to study abroad, should consult the department chair as soon as possible to assure proper preparation.

A student who chooses one of these majors is expected to achieve a reading, writing, and speaking knowledge of the language (or languages) in which she concentrates. The foreign language is used exclusively in all advanced courses and as much as possible in the others. Not more than one approved course given in English may be credited toward the major. The department recommends participation in a Junior Year Abroad program or a residence of six weeks or more in a summer school where the exclusive use of the foreign language is required. Courses taken in programs abroad must be evaluated and approved by the appropriate departmental faculty before credit is granted toward the major. A student who has begun the study of a language in college will still find it possible to fulfill the major requirement in the language by arranging her courses in consultation with her major professor.

The Department of Modern Languages does not approve credit for online courses taken at any level. No course being counted toward the V.3 general education knowledge area may be taken on a P/CR/NC grading option.

**The French Major**
(33 semester hours)

**Required:**
FREN 225 (3) Survey of French Literature  
FREN 232 (3) Thematic Survey of Culture and Civilization: Middle Ages-World War I

**Senior Exercise:**
FREN 452 (3) Senior Seminar

**Choose 1 three-credit course** in advanced French culture from the following:
FREN 323 (3) Beyond Paris: The Regions of France and the French-Speaking World  
FREN 325 (3) Literary Art Criticism  
FREN 327 (3) France Today: Media Texts and Social Contexts  
FREN 329 (3) Semiotics of French Culture  
FREN 331 (3) Representations of the French Revolution  
FREN 333 (3) Existentialism and Postmodernism

**Choose 2 three-credit courses** in French literature at or above the 300-level.

**Choose 5 additional three-credit courses** in French numbered 204 or above.
NOTE: A French major is expected to take at least one course in French each term during her junior and senior years.

The French Minor
(18 semester hours)

**Required:**
FREN 225 (3) Survey of French Literature

Choose 1 **three-credit course** in French literature at or above the 300-level.

Choose 4 additional **three-credit courses** in French numbered 204 or above.

**Teacher Licensure French**
(33 semester hours in addition to required professional courses in education)

**Required:**
FREN 221 (3) Literatures of the French-Speaking World
FREN 225 (3) Survey of French Literature
FREN 232 (3) Thematic Survey of Culture and Civilization: Middle Ages-World War I
FREN 452 (3) Senior Seminar

Choose 1 of the following courses:
FREN 216 (3) France in the 2000s: Society, Government, and Technology
FREN 217 (3) Francophone Cinema
FREN 233 (3) Contemporary French Culture

Choose 1 **three-credit course** in advanced French culture from the following:
FREN 323 (3) Beyond Paris: The Regions of France and the French-Speaking World
FREN 325 (3) Literary Art Criticism
FREN 327 (3) France Today: Media Texts and Social Contexts
FREN 329 (3) Semiotics of French Culture
FREN 331 (3) Representations of the French Revolution
FREN 333 (3) Existentialism and Postmodernism

Choose 2 **three-credit courses** in French literature at or above the 300-level.

Choose 3 additional **three-credit courses** in French numbered 204 or above.

Recommended: The student is encouraged to spend a full year’s or a term’s study in an environment where French is the principal language spoken. Degree credit is granted for participation in an approved program abroad.
Course Descriptions

FREN 101 – Elementary French I (3)
A study of the essentials of grammar, the development of a simple, practical vocabulary, and readings based on present-day French life.

FREN 102 – Elementary French II (3)
Prerequisite: FREN 101. A continuation of FREN 101.

FREN 201 – Intermediate French I (3)
Prerequisite: FREN 102 or placement. Formal study and practice in speaking, reading, writing, and understanding French. Regular laboratory attendance is required.

FREN 202 – Intermediate French II (3)
Prerequisite: FREN 201. A continuation of FREN 201. Regular laboratory attendance is required. V.3

FREN 204 – French-English Translation (3)
Prerequisite: FREN 202 or placement. Translation of selected texts from English into French and from French into English. III.W

FREN 209 – French Conversation and Composition (3)
Prerequisite: FREN 202 or placement. Practice in oral and written expression based on contemporary topics. III.O, III.W, V.3

FREN 216 – France in the 2000s: Society, Government, and Technology (3)
An in-depth examination of contemporary French society and government, with special emphasis on the expanding role of technology within France. In addition to books and articles, official and unofficial internet resources will be used to contrast varying views and reactions to events and changes occurring in France. Taught in English. This course will count towards the French major and minor if students do the written assignments and examinations in French. V.5, V.7

FREN 217 – Francophone Cinema (3)
Specific topics such as French directors, francophone cinema, women and the movies, will be offered according to students’ needs. Taught in English. This course will count towards the French major and minor if students do the written assignments and examinations in French. V.5, V.6a

FREN 219 – French for Professionals (3)
Prerequisite: FREN 202. Development of conversational, reading and writing skills in the language used in a variety of professions. We will study specialized vocabulary and forms of communication within the workplace. III.O
FREN 221 – Literatures of the French-Speaking World (3)
Prerequisite: Not open to students who have earned credit for FREN 315. The cultures and literatures of French-speaking countries outside Europe. Readings may include tales, novels and poetry from Africa, the Caribbean, Canada and other areas. Texts will be examined as literary works as well as keys to the understanding of the different cultures. Taught in English. May be counted toward the major or minor in French if all written assignments and examinations are done in French. V.2, V.4

FREN 225 – Survey of French Literature (3)
Prerequisite: FREN 202 or placement. Survey of French literature from the Middle Ages to the present at the advanced intermediate level. Not open to students who have credit for FREN 213 or FREN 214. III.W, V.2, V.3

FREN 232 – Thematic Survey of Culture and Civilization: Middle Ages-World War I (3)
Prerequisite: FREN 202, FREN 209, or FREN 213. French society throughout the ages. Emphasis will be less on political history than on culture and the arts. Required of students minoring or majoring in French. V.1, V.3

FREN 233 – Contemporary French Culture (3)
Prerequisite: FREN 202, FREN 209, or FREN 213. This course examines French society in the twentieth and twenty-first centuries. Emphases will be on culture and the arts. V.1

FREN 250 – Masterpieces of French Literature in Translation (3)
Prerequisite: First-year students with permission. French majors may participate with permission of instructor, preparing papers and examinations in French. Close reading and analysis of major French texts in English translation. Offered alternate years. V.2

FREN 261 – Directed Study (1, 2, 3)
Prerequisites: One FREN course and permission of the instructor. The study of introductory level material by an individual student or by a small group of students under the immediate supervision of a faculty member.

FREN 321 – Advanced Grammar (3)
Prerequisite: One course numbered FREN 209 or above. This course deepens the student’s understanding of French grammar at the advanced level and its application in various contemporary French language contexts, both written and oral. III.W

FREN 323 – Beyond Paris: The Regions of France and the French-Speaking World (3)
Prerequisite: FREN 225 or FREN 232. This course will lead to a better understanding of the social, political, economic, and cultural diversity that is found both within France and beyond its national borders in the French-speaking world through an in-depth examination of their different regions. V.5, V.7
FREN 325 – Literary Art Criticism (3)
Prerequisite: FREN 225 or FREN 232. This course will teach students to analyze visual works of art by comparing writers’ commentaries on famous painting and architectural monuments, from the Lascaux cave paintings to the Beaubourg Center. Among writers studied, there will be literary writers such as Diderot, Baudelaire, Eluard, and Sollers; and postmodern theorists from many disciplines such as Baudrillard, Bourdieu, Foucault, Derrida, Barthes, and Michel Serres. III.W, V.6a

FREN 327 – France Today: Media Texts and Social Contexts (3)
Prerequisite: FREN 225 or FREN 232. This course will help students develop a critical appreciation of France and the various social, political, and economic problems that confront French society today. The media texts to be studied will include articles from current French newspapers, magazines, and various online news sources. V.7

FREN 329 – Semiotics of French Culture (3)
Prerequisite: FREN 225 or FREN 232. This course will explore French culture through the study of works by semioticians such as Barthes, Baudrillard, Bourdieu, Foucault, and Kristeva. V.5

FREN 331 – Representations of the French Revolution (3)
Prerequisite: FREN 225 or FREN 232. A study of how the depiction and interpretation of the French Revolution in French literature and the arts have changed since 1789. V.1, V.2

FREN 333 – Existentialism and Postmodernism (3)
Prerequisite: FREN 225 or FREN 232. This course will lead to a better understanding of the philosophical movements in 20th-century France. Students will read and analyze texts by theoreticians such as Sartre, Camus, Foucault, and Baudrillard. V.2, V.5

FREN 343 – The Rise of the French Novel (3)
Prerequisite: FREN 225. This course is designed to develop the students’ knowledge of literature and literary theory, as well as their understanding of French history and society through the reading of great novels such as Les Miserables, Le Comte de Monte-Cristo, and Madame Bovary. V.2

FREN 361 – Special Study (1, 2, 3)
Prerequisites: 100-level FREN course and permission of the instructor. The study of an intermediate level topic by an individual student or by a small group of students under the immediate supervision of a faculty member.

FREN 377 – Internship (1, 2, 3)
Prerequisites: Three credits in FREN and permission of the instructor and department chair. This course is graded P/CR/NC only.
FREN 385 – Aspects of 20th-Century Literature (3)
Prerequisite: FREN 214. Crisis, experiment, and transformation in the French novel since 1945. Among the novelists to be studied are Boris Vian, Marguerite Duras and Michel Tournier. Offered alternate years. III.W, V.2

FREN 452 – Senior Seminar: Topical Studies in French Literature (3)
Prerequisite: Required of seniors majoring in French. Open to other qualified students with permission of the department. III.O

FREN 461 – Independent Study (1, 2, 3)
Prerequisites: One 100-level FREN course, one 200-level FREN course, and permission of the instructor. Pursuit of an upper level research project determined in advance by the student in consultation with a faculty member who will act as the sponsor.

First-Year Seminar

ARCHES: "an opening or support as in a bridge or a doorway;" "a pathway." Arches are prominent architectural elements on the Sweet Briar campus; they are part of our unique history. ARCHES is a first-year program that offers incoming students a pathway - or archway- into our campus community by providing a common experience while allowing each student to explore her individual story and develop her own legacy with Sweet Briar's history.

ARCHES combines the theme of a sense of self, place, and space with an emphasis on elements integral to success at Sweet Briar College. Every new student will enroll in an ARCHES class during the fall and spring semesters of her first year at the college. The class meets weekly and introduces students to a wide variety of resources on campus, as well as assists with the academic transition from high school to college. Students will read "The History of Sweet Briar College along with supplemental readings that explore the history of the college. Students will also participate in reflective activities and complete projects that allow them to explore their own history and identity and to develop goals for their future.

Course Descriptions

FYS 101 – ARCHES I (.5)
This is the first semester of a two-semester course required for all first-year students and for all transfer students with 20 or fewer transfer credits when entering SBC. This course will assist students in making a successful transition to college life by exploring academic, personal, and social issues relevant to success at the collegiate level. The course will focus on a sense of self, place, and space through the reading of "The History of Sweet Briar College" and weekly sessions which will include such topics as time management, learning styles, and academic direction. There will also be opportunities for evening events off campus. The course is graded as Satisfactory/Unsatisfactory, and because it is a requirement for graduation, must be repeated
until successfully completed. Students who have not passed the course by the end of their second year will be reviewed by the Eligibility Committee.

**FYS 102 – ARCHES II (.5)**
This is the second semester of a two-semester course required for all first-year students and for all transfer students with 20 or fewer transfer credits when entering SBC. This course will focus on opportunities for expanding individual scope and vision through leadership and community service as well as continued reading of “The History of Sweet Briar College.” The course is graded as Satisfactory/Unsatisfactory, and because it is a requirement for graduation, must be repeated until successfully completed. Students who have not passed the course by the end of their second year will be reviewed by the Eligibility Committee.

**Gender Studies**

Gender Studies is an multidisciplinary field of knowledge and inquiry whose purpose is to study the significance of gender and other primary categories of identity (e.g., ethnicity, class, sexual orientation, religion) for the social construction of reality and everyday life. The Gender Studies Program at Sweet Briar consists of an introductory course, a discipline-based core, and auxiliary courses. This approach familiarizes students with a variety of avenues through which to examine and explore gender issues and provides them with the opportunity to become practiced at studying gender through the particular modes of inquiry, theoretical frameworks, and methodologies of one discipline. Relevant topics of interest in all disciplines tend to include: sex, gender, identity formation, and the implications of gendered systems of power. A Gender Studies minor is an excellent supplement to any major within which students want to explore the implications of gender more deeply. The Gender Studies curriculum fosters an understanding of how gender affects everyday experiences and is particularly suited for students preparing for graduate study and careers in social and community work, government and international relations, the arts and humanities, law, medicine, counseling, business, public relations, and many other professional and human-service fields.

**The Gender Studies Minor**
(18 semester hours)

**Required:**
GNDR 102 (3) Introduction to Gender Studies

**Choose 1 of the following 3 course discipline-based cores (9 credits):**
*History of Art*
ARTH 116 (3) Survey of Art History II
ARTH 303 (3) Seminar on Women Artists
And choose one ARTH course chosen from the auxiliary course list below.

**OR**
Choose 3 of the following courses, of which one can be at the 100-level:

ENGL 108 (3) Women and Literature
ENGL 126 (3) Forbidden Love
ENGL 332 (3) Modern and Contemporary Women Writers
ENGL 339 (3) Women in 19th-Century Literature
ENGL 344 (3) Women in the Renaissance

OR

History
HIST 228 (3) Women in America
HIST 234 (3) Manhood and Masculinity in America
And choose 1 additional HIST course at the 300-level from the auxiliary course list below.

Choose 2 additional 3-credit courses from those listed above or from the following auxiliary course list or substitute other approved seminars, internships, or independent studies (6 credits):

ANTH 233 (3) Cultural Perspectives on the Family and Society
ANTH 241 (3) Gender and Society
ARTH 253 (3) Early 20th-Century Art: Fauvism to Surrealism
ARTH 255 (3) Contemporary Art
ARTH 336 (3) Studies in Medieval Art and Architecture (when content is appropriate)
ARTH 341 (3) Seminar: Art and Theory in Renaissance Italy
ARTH 354 (3) Later 20th Century Art: Post World War II to the Present
CLAS 207 (3) The Rise and Fall of the Roman Republic
CLAS 208 (3) Society and Culture in the Roman Empire
CLAS 307 (3) Gender and Sexuality in the Ancient Mediterranean
ENGL 140 (3) Jane Austen and the Bronte Sisters
ENGL 302 (3) Ways of Reading (Topic must have approval of the GNDR Director)
ENGL 329 (3) American Romanticism
ENGL 330 (3) African-American Literature
ENGL 331 (3) The 19th-Century American Novel
ENGL 393 (3) Modern Poetry
ENGL 394 (3) Contemporary Poetry (when content is appropriate)
ENGL 397 (3) Becoming Modern
FREN 217 (3) Francophone Cinema
FREN 250 (3) Masterpieces of French Culture
GNDR 272 (3) Topics in Gender Studies
GOVT 232 (3) Women, Law, and Politics
HIST 221 (3) Spirituality and Religious Institutions in U.S. History
HIST 258 (3) History of Crime and Punishment in the West
HIST 315 (3) Illness and Healing in America
HIST 321 (3) Studies in Medieval History
HIST 322 (3) Renaissance and Reformation
HIST 339 (3) Slavery and Emancipation in America
INTD 112 (3) Writing Wrongs: Gender and Power in Antiquity
INTD 113 (3) Women and Power
INTD 114 (3) Global Girlhoods
LAST 302 (3) Special Topics in Latin American Studies (when content is appropriate)
PHIL 129 (3) Introduction to Political Philosophy
PSYC 222 (3) Social Psychology
PSYC 359 (3) Self and Identity
RELG 177 (3) Introduction to the Study of Religion
RELG 241 (3) Judaism
RELG 244 (3) Christianity
SOCI 100 (3) Introduction to Sociology: The Sociological Perspective
SOCI 330 (3) Social Stratification
SPAN 367 (3) Contemporary Artistic Expression in Spain (when content is appropriate)

NOTES:
At least 2 courses taken for the minor must be at the 300-level or above.

In order to count an auxiliary course or independent study towards the minor, a student must complete a major term paper, project or the appropriate equivalent which focuses on gender issues in that course. The Gender Studies Advisory Committee may ask to review the work before granting credit toward the minor.

Course Descriptions

GNDR 102 – Introduction to Gender Studies (3)
This course introduces students to a variety of perspectives on the study of gender and sexualities. It will feature a series of guest lectures from faculty on how gender studies is approached in their disciplines. The course instructor will coordinate the guest lectures and provide continuity over the semester, helping students to compare and integrate the lectures and readings through class discussion, writing assignments, and their own projects and presentations. This course cannot be taken on a P/CR/NC grading option. V.5

GNDR 261 – Directed Study (1, 2, 3)
Prerequisites: GNDR 102 and permission of the instructor. The study of introductory level material by an individual student or by a small group of students under the immediate supervision of a faculty member.

GNDR 272 – Topics in Gender Studies (3)
Intensive investigation of works in a particular area of gender studies. Topics will vary. May be repeated for credit when the content changes and with permission of instructor. V.5

GNDR 361 – Special Study (1, 2, 3)
Prerequisites: GNDR 102 and permission of the instructor. The study of an intermediate level topic by an individual student or by a small group of students under the immediate supervision of a faculty member.
GNDR 377 – Internship (1, 2, 3)
*Prerequisites: Three credits in GNDR and permission of the instructor and department chair.*
This course is graded P/CR/NC only.

GNDR 461 – Independent Study (1, 2, 3)
*Prerequisites: GNDR 102 and permission of the instructor.* Pursuit of an upper level research project determined in advance by the student in consultation with a faculty member who will act as the sponsor.

**Government and International Affairs**

The Department of Government and International Affairs offers a wide range of courses covering the areas of American politics, law, comparative political systems, foreign policy, international relations, and political theory. In addition, the department awards credit for off-campus internships in law, politics, and public service. Our aim is to develop in students a questioning spirit and informed perspective that will enable them to understand and interpret political affairs. Government or International Affairs provide superb preparation for those who are planning careers in law; in government service at the local, state, national, or international levels; and in journalism, business, or non-profits.

A student who elects the major in international affairs will plan, with the advisor, a program of study that may comprise a selected area or areas or a special topic of international significance.

**The Government Major**
(42 semester hours)

**Required:**
- GOVT 109 (3) Introduction to International Politics
- GOVT 122 (3) Introduction to Comparative Politics
- GOVT 159 (3) Introduction to American Government
- PHIL 129 (3) Introduction to Political Philosophy

**Senior Exercise:**
- GOVT 452 (3) Senior Seminar

**Choose 3 of the following 300-level courses:**
- GOVT 303 (3) The American President
- GOVT 322 (3) The Conduct of United States Foreign Policy
- GOVT 339 (3) Theories of Comparative Politics
- GOVT 341 (3) Theories of American Politics

**Choose 6 additional courses** in government.
The Government Minor
(18 semester hours)

Choose 2 three-credit courses in government at the 300-level or above.

Choose 4 additional three-credit courses in government.

The International Affairs Major
(42 semester hours)

Core Requirements:
GOVT 109 (3) Introduction to International Politics
GOVT 122 (3) Introduction to Comparative Politics
GOVT 159 (3) Introduction to American Government
GOVT 322 (3) The Conduct of United States Foreign Policy
GOVT 339 (3) Theories of Comparative Politics
PHIL 129 (3) Introduction to Political Philosophy

Senior Exercise:
GOVT 454 (3) Senior Seminar in International Affairs

Choose 2 three-credit courses in government at the 300-level or above.

Choose at least 5 additional three-credit courses in government.

NOTE: With approval of advisor, two of the 7 elective courses above may be taken from courses in ECON, HIST, or PHIL and where appropriate, one other in ASIA, BUSN or LAST.

International Experience
Wherever practicable, majors are strongly advised to partake in a significant international experience as part of their education through an approved study abroad program.

Also, wherever practicable, majors are strongly advised to study a foreign language beyond the intermediate level.

Course Descriptions

GOVT 109 – Introduction to International Politics (3)
An analysis of national power, old and new imperialisms, and the impact of technological and ideological revolution on international relations. This course cannot be taken on a P/CR/ NC grading option. V.7

GOVT 122 – Introduction to Comparative Politics (3)
A study of the political systems that exist around the world, using case studies from around the world (Western and non-Western systems). Institutions, political process and distribution of power among actors, as well as the role of religion, gender, and other influences are examined
GOVT 159 – Introduction to American Government (3)
Introduces the study of American government and politics using political science methods. Includes examination of political analysis models, authority systems, American political culture, U.S. constitutional origins, federalism, political parties, and elections. Also studies the influence of media and public opinion, while focusing on the president, Congress, and judiciary. Explores how courts interpret civil rights and liberties. V.7

GOVT 213 – Politics of Legal Order (3)
Politics of the legal order will examine the civil and criminal legal process in the United States, with emphasis on the politics of law enforcement, prosecution, trial court adjudication, and punishment. Topics will include racial profiling, prosecutorial abuse, and the death penalty. Offered alternate years. This course cannot be taken on a P/CR/NC grading option. V.7

GOVT 224 – Media and Politics (3)
This course examines the role played by the traditional and “new” media in American government and politics. It focuses on the history of the media in the United States and how they play an increasingly powerful role in the dissemination of political information and the communication of images, as well as provide a conduit for citizen contact with government. Offered alternate years. V.7

GOVT 232 – Women, Law, and Politics (3)
This course explores how American women have participated in the legal and political systems to influence public policy related to education, health care, reproductive rights, employment, economic equity, and families. The course emphasizes case studies of gender law and women in public office. Offered alternate years. V.7

GOVT 235 – Business, Government, and the Economy (3)
Utilizing the business school "case method" approach, this course examines the interrelationships between business, government, and the economy through the medium of public policy. It will focus on financial markets, particularly governmental responses to bubbles, panics, and crashes, and the political dimensions of the evolution of money and banking in America. Offered alternate years. V.7

GOVT 238 – How Leaders Decide (3)
This course examines factors that influence high level decision-making in international politics. Students will consider factors that affect how decisions are made including cognition and affect, the nature of bureaucracy, the structure of the policymaking process, political ideology, and international communication. The course is balanced between theory and history, exploring specific historical examples of strategic decision-making in war and peace. Offered alternate years. This course cannot be taken on a P/CR/NC grading option. V.7
GOVT 242 – Identity Politics in Cross-National Perspective (3)

Prerequisite: GOVT 122. This course examines the causes and dynamics of conflict framed in terms of identity, e.g., race, language, religion. Why do groups choose to become violent? What accounts for the timing of outbreaks of violence? What role do political leaders play in contributing to or preventing violence? We will explore answers to these questions through case studies from around the world. V.4

GOVT 246 – The Political Economy of International Development (3)

This course explores various issues at the nexus of the economic and political dimensions of international development by examining the experience of countries in various parts of the developing world. What are the roots of unequal global wealth? Should women and children be a priority in attempts to eradicate poverty? How can sustainable development be achieved in the developing world? Offered alternate years. This course cannot be taken on a P/CR/NC grading option. V.4, V.7

GOVT 261 – Directed Study (1, 2, 3)

Prerequisites: One GOVT course and permission of the instructor. The study of introductory level material by an individual student or by a small group of students under the immediate supervision of a faculty member.

GOVT 303 – The American President (3)

Prerequisite: GOVT 159. This course studies the American presidency, with emphasis on campaigns, elections, models of executive power and leadership, presidential character, decision-making in foreign and domestic policy, and relations with Congress, the judiciary, and the media. It uses historical and contemporary case studies. Offered alternate years. V.7

GOVT 304 – Congress (3)

Prerequisite: GOVT 159. Studies the legislative process in the U.S. Congress with emphasis on election of members, internal distribution of power, behavior of legislators, interactions with other political institutions and the American polity, and policy outcomes. Offered alternate years. V.7

GOVT 315 – The U.S. Supreme Court (3)

Prerequisite: GOVT 159. This course examines the evolving power of the nation’s highest court, as well as the biographies and ideologies of its justices. It uses past and current legal controversies and cases to illustrate how the Court has interpreted the constitutional powers of the president, Congress, and states. The class also focuses on government regulation of commerce and social welfare. Offered alternate years. V.7

GOVT 316 – Civil Rights and Liberties (3)

Prerequisite: GOVT 159. This course examines the development of constitutional law in the U.S. Supreme Court’s interpretation of the Bill of Rights, including religion, speech, and criminal justice. It studies the constitutional basis of equality in the Fourteenth Amendment and how the justices have applied it to race and gender. The class uses historical and contemporary legal
cases and analyzes the Court’s expansion/contraction of civil rights and liberties. Offered alternate years. V.7

GOVT 320 – Politics of Africa (3)
Prerequisite: GOVT 122. An examination of political life and development in sub-Saharan Africa in the post-colonial era, including discussions of economic development, democratization, conflict, and the role of the West. Offered alternate years. *This course cannot be taken on a P/CR/NC grading option.* V.4, V.7

GOVT 322 – The Conduct of United States Foreign Policy (3)
Prerequisite: GOVT 109. A study of the formulation, conduct, and content of contemporary United States foreign policy. V.7

GOVT 329 – Topics in Government (3)
Topics will vary by semester. The course may be repeated for credit when the course content changes. *This course cannot be taken on a P/CR/NC grading option.* V.7

GOVT 332 – Terrorism and Insurgency (3)
Prerequisite: GOVT 109. This course explores the causes of terrorism and insurgency. Conceptual and historical examinations of the subject will be followed by a consideration of the various sources of terrorism and insurgency including the psychological, social, religious, organizational, and strategic influences that generate transnational political violence. Students will examine contending arguments pertaining to effective counterterrorism and counterinsurgency policies. Offered alternate years. *This course cannot be taken on a P/CR/NC grading option.* V.7

GOVT 335 – Military Force in International Relations (3)
Prerequisite: GOVT 109. Why and how do states use military force? What factors best explain the origins of war? What are the alternatives to the use of force and when are they effective? This course examines critical issues in international security studies, striking a balance between the theory and history of war by examining case studies on the origins of war, up to the current war in Iraq. *This course cannot be taken on a P/CR/NC grading option.* V.7

GOVT 339 – Theories of Comparative Politics (3)
Prerequisite: GOVT 122. How and why did the modern state emerge? Why do some states fare better than others economically? Why does democracy take root in some states but not in others? Why do some states experience violence and civil war? This course discusses other major questions, theories, and scholars of comparative politics. Offered alternate years. *This course cannot be taken on a P/CR/NC grading option.* V.4

GOVT 341 – Theories of American Politics (3)
Prerequisite: GOVT 159. This course examines leading theoretical perspectives on the development of the American regime and constitutional order. Utilizing case studies, the course will place particular emphasis on examining shifts in governing authority, the evolution of the
party system, and the relationship of government to the economy. Students will complete a substantial research project. *This course cannot be taken on a P/CR/NC grading option. III.W, V.7*

**GOVT 345 – International Conflict Resolution (3)**
*Prerequisite: GOVT 109.* This course assesses competing frameworks for resolving international conflict. Controversial issues include: the role of negotiation and mediation, how to deal with war criminals, trade-offs between justice and peace, and military intervention to end a war. In addition to theory, the course evaluates the practical applications of peacemaking to current and past wars through case studies and simulations. *This course cannot be taken on a P/CR/NC grading option. III.W, V.7*

**GOVT 348 – Comparative Democracy and Dictatorship (3)**
*Prerequisite: GOVT 122.* This course examines definitions of democracy and authoritarianism and the rise and fall of democratic regimes primarily throughout the non-western world. We examine cases where democracy is firmly planted and others where it has not been attempted or has failed to take root to discover patterns in the conditions that favor democracy or dictatorship. Offered alternate years. *This course cannot be taken on a P/CR/NC grading option. V.4, V.7*

**GOVT 356 – War and Peace in Africa (3)**
*Prerequisite: GOVT 122.* This course explores the circumstances under which peace or conflict prevails in sub-Saharan Africa. Students will examine the role of various factors, such as ethnic differences, control of natural resources, and diffusion, which lead to violent conflict. *This course cannot be taken on a P/CR/NC grading option. V.4, V.7*

**GOVT 361 – Special Study (1, 2, 3)**
*Prerequisites: 100-level GOVT course and permission of the instructor.* The study of an intermediate level topic by an individual student or by a small group of students under the immediate supervision of a faculty member.

**GOVT 377 – Internship (1, 2, 3)**
*Prerequisites: Three credits in GOVT and permission of the instructor and department chair.* This course is graded P/CR/NC only.

**GOVT 452 – Senior Seminar in Government (3)**
*Prerequisite: Open by permission to seniors who are doing major work in the division or in related interdepartmental majors.* Subjects and projects are determined by the interests and needs of the members of the group. Opportunity is given for independent work. *III.O, III.W, V.7*

**GOVT 454 – Senior Seminar in International Affairs (3)**
*Prerequisite: Open to seniors majoring in international affairs; open to other students by permission.* Supervised independent study, with emphasis on the correlation of different approaches to international affairs. *III.O, III.W, V.7*
GOVT 461 – Independent Study (1, 2, 3)
Prerequisites: One 100-level GOVT course, one 200-level GOVT course, and permission of the instructor. Pursuit of an upper level research project determined in advance by the student in consultation with a faculty member who will act as the sponsor.

History

History is the study of the record of past human experience. Historians understand the term “record” in a very broad way, so that the line between history and various other disciplines is sometimes a thin one. History has its own methodologies, however, as interdisciplinary as it necessarily is in practice.

Work in the department is directed toward the achievement of two goals. On the one hand, the student gains insight into other times and cultures and the human condition generally as she learns about the past. She discovers what has endured and what is new. On the other hand, the student gains experience in gathering, evaluating, and interpreting large amounts of information as well as the opportunity to sharpen her ability to communicate her findings to others.

The History Major
(33 semester hours)

Required:
HIST 143 (3) Early Modern Europe, 1350-1650
HIST 144 (3) Modern Europe, 1700-2004: From Absolutism to EU Enlargement

Senior Exercise:
HIST 452 (3) Senior Seminar

Choose 1 of the following courses: (Note: This requirement should be completed in the first or second year.)
HIST 103 (3) Introduction to History: Intoxication and Addiction in America
HIST 104 (3) Introduction to History: Medieval Heroes: Myth or History
HIST 105 (3) Introduction to History: Doing Sweet Briar History
HIST 107 (3) Introduction to History: Stalin and Hitler

Choose 1 course in U.S. History from the following:
HIST 135 (3) America, Origins to 1877
HIST 136 (3) The United States, 1877 to the Present
HIST 221 (3) Spirituality and Religious Institutions in U.S. History
HIST 225 (3) The U.S. South
HIST 228 (3) Women in America
HIST 234 (3) Manhood and Masculinity in America
HIST 312 (3) Virginia: History and Memory
HIST 315  (3)  Illness and Healing in America  
HIST 336  (3)  Civil War, Reconstruction, and the New South  
HIST 339  (3)  Slavery and Emancipation in America  

Choose 1 course in European History before 1700 from the following:  
HIST 121  (3)  Early and Medieval Britain  
HIST 127  (3)  English History, 1500-1689  
HIST 214  (3)  Building the Past  
HIST 223  (3)  The Ancient World, 8000 BC to 300 AD  
HIST 224  (3)  The Medieval West, 400-1350  
HIST 258  (3)  History of Crime and Punishment in the West  
HIST 308  (3)  Encounters, Conquest, and European Expansion, 1350-1650  
HIST 321  (3)  Studies in Medieval History  
HIST 322  (3)  Renaissance and Reformation  

Choose 1 course in European History after 1700 from the following:  
HIST 203  (3)  Topics in Modern German History (when topic is appropriate)  
HIST 246  (3)  The Soviet Union and Beyond  
HIST 319  (3)  The Playground of Empire: Eastern Europe and the Balkans in the 19th and 20th Centuries  
HIST 327  (3)  The Politics of Identity in Central, Eastern, and Mediterranean Europe  
HIST 330  (3)  The History of the European Union  
HIST 333  (3)  The Great War in Europe  
HIST 355  (3)  War and Society in Modern Europe  
HIST 358  (3)  The Cold War as History  

And choose 4 additional three-credit courses in history.  

Recommended: An academic experience abroad is strongly recommended.  

NOTES:  
At least 3 of the courses (9 semester hours) elected for the major, in addition to HIST 452, must be numbered at the 300-level or above.  

For the major in history, the P/CR/NC grading option may not be exercised for any course which could count toward the major. Additional information about the P/CR/NC grading option is available under the Academic Regulations heading in this catalog.  

The History Minor  
(18 semester hours)  

Required:  
HIST 143  (3)  Early Modern Europe, 1350-1650  
HIST 144  (3)  Modern Europe, 1700-2004: From Absolutism to EU Enlargement  

Choose 2 three-credit courses in history at the 300-level or above.
Choose 2 additional three-credit courses in history.

NOTE: For the minor in history, the P/CR/NC grading option may not be exercised for any course which could count toward the minor. Additional information about the P/CR/NC grading option is available under the Academic Regulations heading in this catalog.

Teacher Licensure History and Social Studies
(33 semester hours)

Required:
ECON 101  (3)  Principles of Microeconomics  
HIST 135  (3)  American, Origins to 1877  
HIST 136  (3)  The United States, 1877 to the Present  
HIST 143  (3)  Early Modern Europe, 1350-1650  
HIST 144  (3)  Modern Europe, 1700-2004: From Absolutism to EU Enlargement  
HIST 223  (3)  The Ancient World, 8000 BC to 300 AD  
RELG 178  (3)  Introduction to World Religions

Choose 1 of the following sequences:
Sequence A
GOVT 159  (3)  Introduction to American Government  
GOVT 213  (3)  Politics of Legal Order

Sequence B
GOVT 122  (3)  Introduction to Comparative Politics  
GOVT 201  (3)  Government and Politics of East Asia

Choose 2 additional three-credit courses in government at or above the 200-level.

Course Descriptions

HIST 103 – Introduction to History: Intoxication and Addiction in America (3)
Prerequisite: Open to first-year students and sophomores; others by permission of the instructor. Historians argue that prior to 1800 there were no alcohol addicts, only people who overindulged in drink. This course introduces students to historical inquiry by examining evidence bearing on this radical thesis. Other topics include the rise of the disease metaphor of addiction in the 19th century, the varied processes by which old and new psychoactive substances (e.g., tobacco, heroin, and cocaine) became "modern menaces," and the conditions behind the proliferation of behavioral addictions in the late 20th century. Offered alternate years. Ill.W, V.1

HIST 104 – Introduction to History: Medieval Heroes – Myth or History (3)
Prerequisite: Open to first-year students and sophomores; others by permission of the instructor. We will analyze the historical record concerning six of the most famous figures from medieval Europe: Arthur of Britain, Charlemagne, the Cid, Eleanor of Aquitaine, Francis of Assisi, and Joan of Arc. We will then investigate the legends concerning each, and attempt to
separate historical facts from quasi-historical fiction. How much of what we know about these “heroes” is actually true? Offered alternate years. *This course cannot be taken on a P/CR/NC grading option.* III.W, V.1

**HIST 105 – Introduction to History: Doing Sweet Briar History (3)**
*Prerequisite: Open to first-year students and sophomores; others by permission of the instructor.* This course explores the realm of historical explanation using the Sweet Briar archives. Each step in historical construction will be illustrated by short projects: locating sources, determining their contexts, analyzing sources with reference to their use as historical evidence, forming theory in response to evidence, and constructing narrative. Each student will combine these short projects to create a history of a topic of her choice. Offered alternate years. III.W, V.5

**HIST 107 – Introduction to History: Stalin and Hitler (3)**
*Prerequisite: Open to first-year students and sophomores; others by permission of the instructor.* An examination of the careers of Stalin and Hitler, with particular emphasis on that period (1933-1945) during which both were in power. Topics include each man’s role as leader of his country, his ideology, and his domestic and foreign policies. Special attention will be paid to the Holocaust and to the related question of whether the Soviet experience of the Gulag is in any way comparable. Offered alternate years. III.W, V.1

**HIST 121 – Early and Medieval Britain (3)**
This course surveys British history from antiquity to the War of the Roses. Topics include the early Celts and Britons; the Roman occupation; Christianization of the British Isles; Anglo-Saxon Britain, the Norman conquest; and the development of the monarchy, Parliament, and the common law. It also explores historicity of such popular subjects as the Arthurian tales. V.1

**HIST 127 – English History, 1500-1689 (3)**
A survey of English history under the Tudors and Stuarts, with some attention to Scotland and Ireland as well. The course will begin with an examination of early modern English society, including social relations in local communities and family structure, familial relationships and the position of women. Other topics include: Henry VIII’s “break with Rome,” the Protestant Reformation, assessment of Elizabeth’s abilities as queen, the Civil Wars, Restoration politics and the world of Samuel Pepys. V.1, V.5

**HIST 135 – America, Origins to 1877 (3)**
An exploration of the origins and development of the American nation from the colonial period through the end of Reconstruction. This course will inquire into the nature of colonial society, the meaning of the American Revolution, and the emergence of a capitalist social order. Other topics include the rise of slavery and the origins and aftermath of the Civil War. V.1

**HIST 136 – The United States, 1877 to the Present (3)**
The second half of the two-course sequence explores major developments, forces, and crises that have shaped American history since 1877. Particular attention will be paid to industrialism
and immigration, the history of race relations, intensifying international engagement, and the emergence of—and challenges to—a liberal political agenda. V.1

HIST 143 – Early Modern Europe, 1350-1650 (3)
An introductory survey of the major themes in European history between the 14th and 17th centuries. Topics include the Black Death; the rise of capitalism; the growth of cities and urban culture; monarchy and state building; the Renaissance; the Reformation and “Wars of Religion;” changing social and structures; and the Scientific Revolution. V.1

HIST 144 – Modern Europe, 1700-2044 – From Absolutism to EU Enlargement (3)
This survey of European political and diplomatic history covers the development of the absolutist state to the 2004 enlargement of the European Union. Though focusing on political history, it delves into European developments in economics, industrialization, social Darwinism, nationalism, Marxism, imperialism, fascism, communism, decolonization, genocide, and the welfare state. V.1

HIST 203 – Topics in Modern German History (3)
Course topics will alternate from year to year and may focus on Modern German History (1618-1918); Nazi Germany; the division and reunification of Germany (1945-2004); Prussia, Germany, and/or the Habsburg Empire; and the Holocaust. Offered alternate years.

HIST 214 – Building the Past (3)
Prerequisite: ANTH 114, CLAS 211, ENVR 101, or HIST 223 is suggested, but not required. This course explores how humans built and tried to sustain large-scale settlements in the pre-industrial past. We will examine innovations in construction techniques, city planning, resource utilization, and the human impact on the natural environment. Case studies include Etruscan and Roman engineering, ancient Greek site planning, medieval “organic” cities, and Renaissance urban design. We will also consider how past urban designs may provide solutions for problems facing megacities of the future. Offered alternate years. III.O, V.1

HIST 221 – Spirituality and Religious Institutions in U.S. History (3)
Americans have long struggled to reconcile spiritual intensity with stable communal institutions. This course examines the historical development of this struggle, focusing in particular on its gendered dimensions and the formation of religious communities set apart from the mainstream of American life. We will also examine the impact of religious zeal on American political life and movements for social change, and inquire into the social and cultural forces behind the resurgence of fundamentalisms and the rise of therapeutic spiritual philosophies in the twentieth century. III.W, V.1, V.5

HIST 223 – The Ancient World, 8000 BC to 300 AD (3)
This course probes the origins, rise, and characteristics of the civilizations that appeared in Mesopotamia, Egypt, Greece, and Italy in the centuries from the Neolithic era to the rise of Christianity. The political, religious, economic, social, intellectual, and artistic dimensions of
these civilizations will be examined. We will also discuss the legacy of the ancient world for the modern west. Offered alternate years. May be counted toward the majors in classics. V.1

HIST 224 – The Medieval West, 400-1350 (3)
This course challenges the perception of the Middle Ages as the “Dark Ages” by introducing the cultural, political, intellectual and religious complexity of the period from the fall of the Roman empire to the Black Death. While focusing geographically on Europe, north Africa and the Near East, it also explores the medieval West in the context of sub-Saharan Africa and China. Offered alternate years. V.1

HIST 225 – The U.S. South (3)
Prerequisite: Not open to students who have taken HIST 339. A survey of Southern history from founding of Jamestown to the rise of the Sunbelt. Topics will include the plantation, slavery, white society, Civil War, Reconstruction, Redemption, and the rise of Jim Crow. The course will conclude with the South’s continuing efforts to deal with the legacies of its past. Offered alternate years. V.1, V.5

HIST 228 – Women in America (3)
Women’s experiences and past identities in America have been shaped by household structure and economics, religion, cultural assumptions and access to public life, among other factors. This course examines the history of women in America as daughters, mothers, wives, workers, individuals, and public actors to account for changing patterns of experience, opportunity and achievement. Offered alternate years. May be counted as a discipline-based core course toward the minor in gender studies. V.1, V.5

HIST 234 – Manhood and Masculinity in American (3)
This course explores the ideals and activities associated with male identity, or manhood, from the colonial period through the present, paying special attention to the challenges posed by industrialization, immigration, and the entry of women into public and professional life in the nineteenth and twentieth centuries. Other topics include the impact of racial hierarchies before and after the Civil War and the emergence of sexuality as a key component of masculinity in the twentieth century. Offered alternate years. May be counted as a discipline-based core course toward the minor in gender studies. III.W, V.1, V.5

HIST 246 – The Soviet Union and Beyond (3)
A study of major political, diplomatic, economic, and social developments from the Bolshevik Revolution of 1917 to the second presidency of Vladimir Putin. Special emphasis will be placed on the state’s continued imperialism, Stalinism and de-Stalinization, World War II, the Cold War, and the political systems of the USSR and its successor states. Offered alternate years. V.1, V.7

HIST 248 – 19th- and 20th-Century Nationalism (3)
Prerequisite: HIST 144. While nationalism has often played a legitimate and constructive role in political life, it has all too often been the source of intolerance, hatred, war, atrocity, and
genocide. This course provides an opportunity for a close examination of the phenomenon of nationalism from its emergence in Revolutionary France to the end of the 20th century. It begins with an examination of some of the theories of nationalism and discussion of the relationship of nationalism to religion, language and culture, ethnicity and regionalism. The core of the course is a series of case studies. Offered every third year. V.1, V.5

HIST 257 – The Land of War and Tears: A History of Modern Poland (3)
Poland's history is one of a state and nation "in-between" the Russian and German worlds. This course explores the issues of modern state formation, identities, and the endemic struggle for land and sovereignty in this part of Europe. It begins with the formation of the "constitutional state of nobles" in the 15th century and ends with its accession to the European Union in 2004. It explores the resistance to Great Power expansionism; the partitions of the state; its resurrection in 1919; World War II; communism and anti-communist revolution; and its "return to Europe." V.1

HIST 258 – History of Crime and Punishment in the West (3)
This course surveys the foundations and development of western criminal law, penal institutions, and criminal jurisprudence from antiquity to the modern world. Patterns of criminality and enforcement, attempts at controlling crime, and philosophies regarding crime and punishment will be explored. We will also examine current debates on such controversial issues as violence, the death penalty, and the prosecution of "crimes against humanity." No knowledge of statistics or data analysis is assumed. Students will learn the necessary techniques and skills in the course. May be counted as an auxiliary course toward the minor in gender studies. III.Q, V.1, V.7

HIST 261 – Directed Study (1, 2, 3)
Prerequisites: One HIST course and permission of the instructor. The study of introductory level material by an individual student or by a small group of students under the immediate supervision of a faculty member.

HIST 308 – Encounters, Conquest, and European Expansion, 1350-1650 (3)
Prerequisite: HIST 143 or HIST 224. This course probes the economic, scientific, and territorial expansions that both fueled and resulted from the "rebirth" of western Europe during the early modern era. Topics include Columbus's voyages to the New World; the Portuguese slave trade in Africa; Italian and Ottoman commercial rivalries in the Mediterranean; Spanish, British and French colonization of the Americas; and Europe's scientific responses to the new and strange environments being mapped and explored. Offered alternate years. III.W, V.1

HIST 312 – Virginia: History and Memory (3)
Prerequisite: HIST 135, HIST 136, HIST 221, or HIST 225. Virginia, home to founding fathers, Civil War battlefields, and former slave plantations, occupies a central if contested position in American cultural memory. This research seminar introduces students to the rich historical scholarship on Virginia's distinctive history and legacy from the pre-colonial period through the civil rights era. Students develop a historical research project drawing on the rich digital,
archival, printed and public historical records available locally, in Central Virginia, and online. Offered every third year. This course may not be taken on a P/CR/NC grading option. III.O

HIST 315 – Illness and Healing in America (3)
Prerequisite: HIST 103, HIST 135, HIST 221, HIST 228, HIST 234, or HIST 242. This course inquires into the religious, medical, and cultural forces shaping the experiences of illness and healing in America. Key topics include Puritan modes of suffering, medical pluralism in the nineteenth century, the rise and fall of “nervousness” and other diagnoses, the medicalization of behavior once thought immoral, and the popularization of psychology in the twentieth century. The course pays particular attention to historical shifts in the relations between sufferer, community, and healer, and how such shifts affect understandings of health and illness. Offered alternate years. This course may not be taken on a P/CR/NC grading option. III.O

HIST 319 – The Playground of Empires: Eastern Europe and the Balkans in the 19th and 20th Centuries (3)
Prerequisite: GOVT 109, HIST 143, or HIST 144. Eastern Europe and the Balkans were traditional European borderlands for centuries. Due to the regions’ positions between expanding and contracting empires, they have been the “playground” of the Great Powers for the last three centuries. This course examines these struggles and the various reactions of the indigenous populations to the competing empires from the late 18th to the 21st centuries. Offered every three years. III.W, V.1, V.7

HIST 321 – Studies in Medieval History (3)
Prerequisite: HIST 143. The millennium separating antiquity and the Renaissance witnessed the rise of western Christianity and capitalism, the invention of romantic love, the development of Islamic science, and the Black Death. Topics will alternate: Early Middle Ages or Dark Ages; High Medieval Renaissance(s); Medieval Iberia; The Disastrous Fourteenth Century. Offered alternate years. May be repeated for credit when topic is different. May be counted as an auxiliary course toward the minor in gender studies. May be counted toward the major in Spanish as the one course allowed to be taken in English. III.W, V.5

HIST 322 – Renaissance and Reformation (3)
Prerequisite: HIST 127 or HIST 143. The course will explore the social and cultural context of Renaissance and Reformation thought as well as the ideas and ideals of humanist intellectuals and religious reformers. The study of Renaissance Italy will include such topics as the family, sex and marriage, crime and criminal justice and social structure and politics in the city states as well as humanism and art. The Reformation section will examine traditional Catholicism and popular beliefs, as well as the ideals and goals of Protestant and Catholic reformers, and will assess the reformers’ achievements. The focus of the course may be EITHER Renaissance OR Reformation. Offered alternate years. May be counted as an auxiliary course toward the minor in gender studies. V.5
HIST 327 – The Politics of Identity in Central, Eastern, and Mediterranean Europe (3)
Prerequisite: GOVT 109, GOVT 122, HIST 143, or HIST 144. UK Prime Minister Tony Blair once described Yugoslavia as a land of “butchery” and “barbarism.” This has been a common popular and intellectual perception for centuries. This course, using case studies of the modern Balkans and Mediterranean, with a particular focus on the former Yugoslavia, examines the intersection of identity, ethnicity, and politics. It critically examines the rise of nationalism, which challenged centuries older regional, local, dynastic, and religious identities. We explore how politicized identities coopted and warped aspects of other identities, which ultimately sparked resistance and violence, leaving legacies of division and mistrust that plague the region today. Offered every third year. V.1, V.7

HIST 330 – The History of the European Union (3)
Prerequisite: GOVT 109 or HIST 144. The idea of a united Europe is not new. However, the only peaceful attempt to achieve unity occurred after the Second World War. This course critically examines how and why the organization evolved from a limited customs union and trade agreement in 1952 to one with a major role on the international political and economic stage today. Offered every three years. V.1, V.7

HIST 333 – The Great War in Europe (3)
Prerequisites HIST 144. Not open to students who received credit for HNRS 308 in Spring 2009. The Great War is often considered the bloody birth of the modern world. Arguably, it was the first “total war,” precipitated America’s entry onto the world stage, facilitated the Bolshevik Revolution, destroyed Europe’s multiethnic empires, and set the stage for fascism and World War II. This course explores the diplomatic, political, and economic history of the war and its myriad legacies. Offered alternate years. V.1

HIST 336 – Civil War, Reconstruction, and the New South (3)
Prerequisite: HIST 135, HIST 136, or HIST 225. This course examines the causes and consequences of the Civil War and the Reconstruction of the South and its effects on white and black Americans. We will pay particular attention to debates over the proper interpretation of these events and the role played by them in national memory. As part of the requirements for the course, students will conduct archive-based research on topics relevant to the course and to the research needs of the Legacy Museum of African American History in Lynchburg, Virginia. This course may not be taken on a P/CR/NC grading option. Offered every third year.

HIST 339 – Slavery and Emancipation in America (3)
Prerequisite: HIST 135 or HIST 225. This course explores the rise, development, and abolition of slavery in North America. We will consider the distinctive characteristics of American slavery and of master-slave relations, the development of regional slave cultures, and the impact of the internal slave trade. We will also consider changes in African American experience following emancipation. As part of the requirements of the course, students will pursue research in local and regional archives culminating in a project that serves the needs of local historical institutions. This course may not be taken on a P/CR/NC grading option. Offered every third year.
HIST 355 – War and Society in Modern Europe (3)
*Prerequisite: HIST 143 or HIST 144.* The study of war will illustrate connections between social organization, technology, and values in various periods in early modern and modern Europe. The course will conclude with an historical view of military thinking during the age of nuclear weapons. Offered alternate years.

HIST 358 – The Cold War as History (3)
*Prerequisite: HIST 144.* This historiography course presents a number of major works by historians and political scientists. The students will learn the narrative history of the Cold War, will examine works by various Cold War scholars, and will analyze some of the major debates in Cold War historiography. Offered alternate years. III.W, V.7

HIST 361 – Special Study (1, 2, 3)
*Prerequisites: 100-level HIST course and permission of the instructor.* The study of an intermediate level topic by an individual student or by a small group of students under the immediate supervision of a faculty member.

HIST 377 – Internship (1, 2, 3)
*Prerequisites: Three credits in HIST and permission of the instructor and department chair.* This course is graded P/CR/NC only.

HIST 452 – Senior Seminar (3)
*Prerequisite: Open by permission to seniors.* The seminar will deal with the question “What is history”? Primarily this will involve an examination of some of the best works of historians in the last few years. It also will consider ways in which people organize, analyze, and interpret past experience. III.O

HIST 461 – Independent Study (1, 2, 3)
*Prerequisites: One 100-level HIST course, one 200-level HIST course, and permission of the instructor.* Pursuit of an upper level research project determined in advance by the student in consultation with a faculty member who will act as the sponsor.

**Honors Program**

The Honors Program is designed for students of exceptional initiative and ability who enter the program as first-year students by invitation, or by application within the first two years of their college career. The Honors Program is designed to foster the kinds of critical thinking, cross-disciplinary curiosity, analytical and creative rigor expected in Honors courses in all disciplines, to enrich the experiences for entering and lower-division Honors students through intellectually challenging course work, and to provide significant opportunities to interact with an academically energetic cohort during four years of Honors study. Sweet Briar students who are not accepted into the program as incoming first-year Honors students may apply for admission after the fall semester. Students who transfer to Sweet Briar from another institution also may apply for
admission to the program.

There are four types of Honors courses. With the exception of the First-year Honors Inquiry and First-year Seminar, Honors courses are open to all interested students, with permission of the instructor.

1) **First-year Honors Inquiry:** Incoming Honors students begin an Honors course of study by enrolling in a one-credit Honors Inquiry class in the fall. The Honors Inquiry class provides a foundation in critical and creative thinking across and among disciplines. By engaging with issues related to a theme, current news events, or the research interests of Sweet Briar faculty, students will be introduced to practices of scholarship expected in a sustained Honors course of study at Sweet Briar.

2) **Honors Seminars:** seminars developed especially for the Honors Program designed to foster critical and creative thinking. Honors seminars are offered at the 100-, 200-, and 300-level. Honors seminars are often interdisciplinary and some are team-taught. All Honors seminars require the permission of the instructor to enroll.

a) First-year Honors Seminar: all first-year Honors students enroll in the 100-level first-year seminar in the spring semester. This three-credit course provides first-year Honors students with a shared academic experience designed to foster intellectual curiosity and to develop analytical skills. The course will take a topical approach that looks beyond the approaches of a single discipline, and will further develop critical and creative thinking, and the research and writing skills necessary for upper-level Honors course work.

3) **Honors Sections:** departments with multiple sections of regularly offered introductory courses may offer one of the sections as an Honors section.

4) **Honors Variants:** individual or small group tutorials attached to regularly offered courses. Students may request that a course be offered as an Honors variant.

At the conclusion of an Honors course of study, Honors student at Sweet Briar College have two options for programmatic recognition: I.) The Honors Degree and II.) Departmental Honors

I. The Honors Degree

The Honors Degree is the culmination of an Honors course of study at Sweet Briar College. A student wishing to pursue the Honors Degree should consult with her advisor and the director of the Honors Program as early in her college career as possible. The Honors Degree may be sought in conjunction with or without Departmental Honors (the Honors thesis component).

1) Successful completion of seven Honors courses which will include:
   a) the First-year Honors Inquiry
   b) the First-year Honors seminar
   c) one 200-level Honors seminar
   d) one 300-level Honors seminar
   e) two additional Honors courses (seminar, variant, or section) and
   f) the 470 Advanced Honors course
2) A cumulative grade point average of 3.4 or higher at graduation

Students who are not admitted to the Honors Program at the start of their first year may petition the Honors Committee to accept alternate work as the equivalent of the first-year Honors course(s) in fulfillment of the Honors Degree requirements, if they are accepted into the program after their first semester. Transfer students may also petition the Honors Committee for Honors equivalency credit for appropriate work completed at their previous institution to count toward the course requirements for the Honors Degree. Students who complete a Sweet Briar approved course abroad may petition the Honors Committee to accept it as the equivalent of an Honors course.

Students must earn a grade of B or higher in the first-year sequence (the Inquiry and seminar, overall) and in all subsequent Honors courses in order to receive Honors credit.

The award of the Honors Degree is noted on both the student's transcript and diploma. A student who also successfully completes the Senior Honors Thesis project in her major department will be awarded the Honors Degree with Honors in the major (Departmental Honors).

II. Departmental Honors
In order to receive Departmental Honors at graduation, a student must successfully complete the Senior Honors Thesis project. A student may earn Departmental Honors independent of the Honors Degree. The student will work closely with her faculty thesis advisor in developing her topic and executing her Senior Honors Thesis project. Departmental Honors at one of three levels (Honors, High Honors, Highest Honors) will be indicated on the transcript of those students who have successfully completed the Senior Honors Thesis project and these honors will be announced at Commencement. A student who is interested in completing Departmental Honors should consult with the department chair in her major, her faculty thesis advisor, and the director of the Honors Program early in her college career, particularly if she plans to spend a semester or more abroad. Students should confirm whether their major department requires the 470 Advanced Honors course as a prerequisite to initiating a Senior Honors Thesis project. If required by the department, the course must be completed before the start of the student's senior year. In no case shall a student be enrolled simultaneously in both 470 and 472.

To be eligible to initiate a Senior Honors Thesis project, a student must meet the following requirements by the start of the fall term of her senior year:

1) Completion of at least three courses that count toward the major

2) If required by the department, completion of the 470 Advanced Honors course in the major, or an approved substitution. If the Advanced Honors course is not required by the department, then the student may propose a Senior Honors Thesis project without having completed that experience.

3) A minimum cumulative grade point average of 3.0

Senior Honors Thesis Project
The Senior Honors Thesis project provides the Honors student with the opportunity to design and
complete a long-term project in her major department. At the beginning of the fall semester of her senior year, the student submits a thesis proposal based on preliminary work done during her junior year. If the thesis proposal is approved, the year-long research project of creative endeavor moves forward under the direction of a faculty member from, or approved by, her major department. Periodically, she may meet with other students doing thesis work and with the director of the Honors Program. The Senior Honors Thesis project must be completed in a form specified by the major department no later than two weeks before the end of classes in a student’s final semester. The thesis project is evaluated by a committee made up of the candidate’s thesis advisor, a second reader from the College, and a third reader from outside the College, most often faculty from another college. The committee also conducts an oral examination on the thesis and determines the level of honors (Honors, High Honors, Highest Honors) to be awarded. To be recognized for Honors work, the student must earn a grade of B+ or higher on her Senior Honors Thesis project. A candidate who does not meet the requirements for successful completion of the Senior Honors Thesis project is transferred to candidacy for the regular degree and will receive credit for independent study for her work.

Course Descriptions

**HNRS 101 – Current Topics in Biology and Medicine (1)**
*Prerequisite: Open to first-year Honors students; permission of the instructor.* This is a First-year Honors Inquiry course. This course will examine recent questions, innovations, and discoveries in biology and medicine. Students will explore the scientific content of each topic as well as the social context. Students will conduct research utilizing digital and print resources, and will share the results of their exploration in written and oral presentations. Discussions and group work will be emphasized. Offered alternate years.

**HNRS 104 – Molecules (1)**
*Prerequisites: Open to first-year Honors students and permission of instructor.* This is a First-year Honors Inquiry course. This course introduces students to the molecular world and the impact that molecules have on human systems and behaviors, ecological systems, the industrial world, war, art, and emerging technologies. We will discuss a feature molecule each week and consider it from structural and functional perspectives. Students will learn about atoms, bonding, and molecular properties through case studies and will learn valuable research skills in terms of literature review.

**HNRS 105 – Memory and Mortality (1)**
*Prerequisites: Open to first-year Honors students and permission of instructor.* This is a First-year Honors Inquiry course. Part of what it means to be human is to be aware of your mortality - to know that one day you will die. What should such an encounter with death motivate in us? How should we think about ourselves as existing in time? In a seminar format, we will engage these questions by reading various texts in philosophy and literature.

**HNRS 106 – Blue Ridge History: Conserving the Land, Shaping the Future (1)**
*Prerequisites: Open to first-year Honors students and permission of the instructor.* This is a First-year Honors Inquiry course. During the Great Depression of the 1930s, the Civilian
Conservation Corps employed millions of black and white men under the age of 25 in a massive effort to control soil erosion, reclaim farmland, protect forests from fire, develop national and state parks, and to provide paid work for young, unemployed men. At least a dozen segregated CCC camps were active in the Blue Ridge and Virginia Piedmont areas near Sweet Briar. This course introduces students to critical thinking and historical argument through an exploration of archival and published textual, visual and "built landscape" sources pertaining to nearby CCC activities. Course includes a hike to a former CCC camp in the Blue Ridge.

HNRS 111 – From Corporations to Clones: The Ethics of Personhood (3)
Prerequisites: First-year Honors Inquiry course and permission of the instructor. Not open to students who have received credit for HIST 108. A First-year Honors seminar. We often define “persons” only biologically, Homo sapiens. Yet the word applies to non-human entities (corporations), while some humans have been denied “personhood” (women and slaves). Many current legal and ethical controversies concern the “personhood” of fetuses, animals, etc. This course combines philosophical, historical, and legal perspectives on who (or what) should be granted the status and rights of “personhood.” Offered alternate years. III.W, V.1

HNRS 112 – What is This Thing Called Love (3)
Prerequisites: First-year Honors Inquiry course and permission of the instructor. A First-year Honors seminar. We explore different forms of love in different times and places, and look at how different disciplines approach the study of love. From the philosophical discourses on love in Plato’s “Symposium,” to the ecstasy of St. Theresa, to the role of love in family life across cultures, and to the global reach of Valentine’s Day, we bring perspectives from anthropology, literary studies, history, philosophy, religion, psychology, and marketing. III.W

HNRS 114 – Art from the Ashes: The Literature of 9/11 (3)
Prerequisites: First-year Honors Inquiry course and permission of instructor. A First-year Honors seminar. The literature that emerged from the September 11, 2001, attacks will be used as a lens through which to examine the various ways in which artists respond to dramatic and devastating political and social events. Both earlier and more recent instances of artists' responses to such events will be discussed. Texts will include Don DeLillo’s Falling Man, Mohsin Hamad's The Reluctant Fundamentalist, and Jonathan Safran Foer's Extremely Loud and Incredibly Close. V.2

HNRS 116 – Mathematics in the Arts (3)
Prerequisites: First-year Honors Inquiry course and permission of instructor. A First-year Honors seminar. Mathematical topics such as geometry, proportion, and symmetry often arise in analyses of artwork, and some artists explicitly incorporate mathematical ideas into their designs. This course explores mathematics in art, from prehistoric times through the present. The focus is on the visual arts, including architecture, but mathematics in music is also discussed.
HNRS 117 – The Politics of Mass Murder: Introduction to Genocide (1)
*Prerequisites: Open to first-year Honors students and permission of the instructor.* This is a First-year Honors Inquiry course. The question of genocide is a primary focus for those concerned with human rights and preventing its occurrence. This course explores selected genocides in the 20th century. We will delve into issues that deal not only with the experiences of the victims, but those of the perpetrators to understand how and why they acted in such a barbaric manner.

HNRS 118 – Miss Indie’s Plantation (1)
*Prerequisites: Open to first-year Honors students and permission of the instructor.* This is a First-year Honors Inquiry course. Using archival sources and archaeological features, we will examine the 100+ individuals who lived at Sweet Briar between c. 1840-1900, including the antebellum, enslaved families and the postbellum servants and employees of Indiana Fletcher Williams. Research conducted by the students will be added to a Sweet Briar history database.

HNRS 119 – Creativity and Critical Thinking (3)
*Prerequisites: First-year Honors Inquiry course and permission of instructor.* A First-year Honors seminar. Writers and artists make expressive work as a personal response to the world around them, but the nature of that response is often intuitive or visceral rather than considered and interpretive. This course invites students to examine the creative process - their own, or that of other writers and artists - through the lens of critical thinking and academic discussion. Readings will include Twyla Tharp, Richard Hugo, Malcolm Gladwell, James Baldwin, Jorie Graham, and Chiniua Achebe. Assignments will include personal or analytical essays, short fiction, and poems; if students wish to augment their writing with original creative work in the visual arts, video/film, or other disciplines, they may either collaborate with one another or integrate their own projects into a cohesive whole. III.W, V.6b

HNRS 120 – Heroes and the Heroic in Homer's Iliad (3)
*Prerequisites: First-year Honors Inquiry course and permission of instructor.* A First-year Honors seminar. This course offers an in depth reading of Homer's *Iliad* with a particular focus on the nature of the Greek hero. How should we understand heroes and the "heroic" in the literary and cultural context of this foundational work of epic poetry? To what extent can we understand these concepts as they were originally understood, and in what ways might they inform our own understanding of the human condition? *May be counted toward the major or minor in classics.*
V.2

HNRS 122 – Doing Sweet Briar History (3)
*Prerequisites: First-year Honors Inquiry course and permission of the instructor.* A First-year Honors seminar. This course explores the realm of historical explanation using the Sweet Briar archives. Each step in historical construction will be illustrated by short projects, locating sources, determining their contexts, analyzing sources with reference to their use as historical evidence, forming theory in response to evidence, and constructing narrative. Each student will combine these short projects to create a history on a topic of her choice. Not open to students
who have earned credit for HIST 105. *May be counted as an Introduction to History course required for the majors in history and liberal studies.* **III. W, V.1**

**HNRS 123 – Muzak Musicology: Making Dollars and Sense of Place (1)**  
**Prerequisite:** Open to first-year Honors students and permission of the instructor. This is a First-year Honors Inquiry course. Hotels, restaurants, retail stores, nightclubs, vacation spots - for many of these commercial spaces, music is a form of sonic architecture that provides cultural context and facilitates trade. It is a way to make dollars by making sense of spaces and places. This course allows students to explore select theories and practices of sonic architecture in the music industry. It culminates with a class sonic architecture project that allows students to creatively apply the information and skills developed during the course.

**HNRS 138 – Drugs (3)**  
**Prerequisite:** Permission of the instructor. Taking a biochemical approach to the topic of drugs, students are introduced to molecular structures and functions, the impact that drugs have on human systems and behaviors, as well as implications for society. Feature drugs, classes of drugs, properties, and pharmacology will be discussed. Research skills in terms of literature review will be applied and writing will be practiced. **V.8a**

**HNRS 139 – Questions of Sanity (3)**  
**Prerequisite:** Permission of the instructor. This course will examine the topic of insanity from various perspectives (psychological, cultural, legal, physiological, and historical) and how the line between sanity and insanity has never been as clear a distinction as we would like to believe. We will supplement our understanding of current psychiatric disorders utilizing a case study approach and examine issues ranging from the treatment/punishment of the mentally ill, to those cases where the development of abnormal behavior might be viewed as the most adaptive option available. Cases will include Norton I, Emperor of the United States, Truddi Chase from "When Rabbit Howls," and Susanna Cahalan's "Brain on Fire."

**HNRS 140 – Biology in Fiction (3)**  
**Prerequisites:** First-year Honors Inquiry course and permission of the instructor. A First-year Honors seminar. In this hybrid laboratory/seminar course, we will investigate the biological science that has been integrated within contemporary novels of Barbara Kingsolver, Andrea Barrett, and Simon Mawer. By replicating and extending genetic and ecological experiments that are central to the stories, and consulting primary and secondary scientific sources, we will explore the authors' liberties and faithfulness to scientific accuracy. We will also read additional works of fiction with biologists as central characters. How do writers translate science into fiction, and how realistic are the portrayals of scientists? How does understanding or not understanding the science influence a reader's experience? *May be counted as a 100-level elective for the major in biology.*

**HNRS 259 – Gender and Globalization (3)**  
**Prerequisites:** GNDR 102, or 100- or 200-level ANTH course, and permission of instructor. How are gender and sexuality imagined and experienced in today's global political economy?
course focuses on the changing roles of men and women in the family and workplace due to transnational immigration and exchange. Case studies include the feminized economies of maids, nannies, and service workers, and the creation of masculine and gay identities on the global stage. **May be counted as an auxiliary course toward the minor in gender studies. III.O, V.4, V.5**

**HNRS 265 – The Land as Art (3)**
Prerequisite: Permission of the instructor. We will study how - through decoration, manipulation, or depiction - cultures respond to the land and objects that populate it. The class will cover topics such as the stone lines of the Nasca in Peru, visionary paintings of the Aboriginal people of Australia, nationalistic landscapes of J.M.W. Turner in Great Britain, Zen rock gardens of Japan, and feminist public art of the Garbage Girls. A hands-on project will be encouraged. **V.4, V.6a**

**HNRS 266 – French Heroes and their Myths (3)**
Prerequisite: Permission of instructor. A study, through literature, of French historical figures who have had an impact on people's imagination. The choice of heroes in the fall 2013 semester will include women who have shaped, influenced, or impacted history in some way. We will look at the literary expression of such mythical characters as Joan of Arc and Camille Claudel in plays, poetry, novels and essays, paintings, sculpture, music, and films. **May be counted toward the major or minor in French if written assignments and examinations are done in French. III.O, V.2, V.5**

**HNRS 268 – Historical Fiction and French History (3)**
Prerequisite: Permission of the instructor. This course invites students to study the genre of the historical novel on text and on screen. Students will learn history through the fictional adaptation of historical facts, appraise the appeal of the fictional interpretation, and understand the reasons behind the rise of popularity of this genre. The focus will be on French history through such authors as Chretien de Troyes, Mme de La Fayette, Alexandre Dumas, and Maurice Druon. All students will learn a genre of literature that is not generally taught, but deserves to be, not just because of its popularity, in books and in film, but because of its rich interdisciplinary content. **May be counted toward the major or minor in French if all reading and writing is done in French. V.1, V.2**

**HNRS 269 – New York City in Literature and Art (3)**
Prerequisite: Permission of the instructor. This course explores how writers’ and artists’ richly varied interpretations of New York from the mid-19th century to the present have helped to shape our own “cognitive maps” of the city. The variety of different New Yorks in the literary and artistic works we will be considering conveys a sense of the city's cosmopolitanism and the neighborhood, queer New York, and postmodernism. Close reading, various interpretive strategies, and research skills will be stressed. **May be counted toward the majors in English and English and creative writing. III.O, V.2**
HNRS 271 – Architecture of Sweet Briar College: A Social History (3)
Prerequisite: Permission of the instructor. Based on the premise that buildings serve to legitimate ideas, the course will examine how precisely the college's architecture reflects the values of Sweet Briar, particularly as it has defined itself as a women's college. In addition to a variety of secondary sources, we will be utilizing the college's collection of blueprints and archives. We will compare the results of our investigation with other types of social architecture, including prisons, asylums, and of course, institutions of higher education, both coeducational and single sex. It is hoped that by doing so, the students will cultivate a sense of place and a deeper connection with their environment. Not open to students who have received credit for INTD 120. May be counted toward the major or minor in art history. V.1, V.6a

HNRS 274 – Illegal Things (3)
Prerequisite: Permission of the instructor. This course will examine the sociopolitical context and economic consequences of "illegal things." The approach of the course will be interdisciplinary: How do culture, power, and politics influence the social construction of morality and what we consider to be permissive grounds for declaring things illegal? What are the economic consequences of these choices, and how do they reinforce or frustrate the intentions of our desired social principles? A range of contemporary topics and issues will be considered, along with various changes in illegal things throughout history. (Did you know pinball was once illegal in the US? Did you know that China has banned time travel?) May be counted toward the major or minor in economics. V.5, V.7

HNRS 295 – Summer Research (3)
Prerequisites: One or more 200-level courses relevant to the research project; research proposal must be approved by sponsoring department and dean. Students must be engaged as full-time research assistants on campus for a minimum of eight weeks during the summer. In addition to research duties, the student must complete a culminating paper or project to be mutually conceived by the student and her faculty sponsor. This course is graded P/CR/NC only.

HNRS 299 – Special Topics (3)
Prerequisite: Permission of the instructor. Topics will vary by semester and concentrate on interdisciplinary studies in the humanities. Course to be taught by the Honors Fellow and may be repeated when topic is different. Offered alternate years.

HNRS 309 – Sacraments and Civil Unions: The History of Marriage (3)
Prerequisite: Permission of instructor. Recommended: One course in ANTH, GNDR, HIST, or SOCI. Many people define marriage as a sacramental union between one man and one woman. However, this definition has changed significantly over time. This course charts the varieties of marriage in western history from sibling-marriages of Egyptian pharaohs, to civil unions under Roman law, to Christian sacramental marriage in the Middle Ages. It finally considers the current legal and ethical debates over same-sex marriages. This course cannot be taken on a P/CR/NC grading option. May be counted toward the major or minor in history and as an auxiliary course toward the minor in gender studies. V.1, V.7
HNRS 312 – People and the American Landscape (3)
Prerequisite: Permission of instructor. Not open to students who received credit for HNRS 191 in Fall 2008 or ENVR 319. As lifestyles, technologies, and values have changed over time, the relationship between humans and the American landscape has also evolved. Through examination of the issues of food and agriculture, urbanization, and wilderness protection, this course analyzes how and why people's connection with the land has changed through time. The emergence of the American environmental movement is also explored. Offered alternate years. May be counted toward the major or minor in environmental studies and environmental science. V.1

HNRS 313 – The Second World War in Europe (3)
Prerequisite: Permission of the instructor. World War II, arguably the most destructive war in history, attracts great amateur interest. This interest has to some extent mythologized certain aspects of the war, its causes, and its legacy. This seminar will examine the war itself in Europe and its contested understandings with a special focus on the experience on the combatant during the conflict. May be counted as an elective toward the major in history. III.W, V.1

HNRS 314 – Egypt: Life and Afterlife (3)
Prerequisites: Sophomore standing and permission of the instructor. Students will learn about ancient Egyptian culture, literature, language, and art. Texts will include tomb inscriptions, imaginative stories, royal stelae, and poetry about life and the afterlife. The class will explore Egyptian religion, daily life, politics and empire, history, and mythology. Egyptian art will be a major source of information about the interconnections of religion and politics. Students will get some exposure to the basics of Middle Egyptian (aka hieroglyphic) and we will consider the curious status of this beautiful language which was understood by so few but featured so prominently in their art and architecture. May be counted toward the major and minor in classics. Not open to students who already have credit for HNRS 267. V.4

HNRS 395 – Summer Research (3)
Prerequisites: One or more 200-level courses relevant to the research project; research proposal must be approved by sponsoring department and dean. Students must be engaged as full-time research assistants on campus for a minimum of eight weeks during the summer. In addition to research duties, the student must complete a culminating paper or project to be mutually conceived by the student and her faculty sponsor. This course is graded P/CR/NC only.

HNRS 399 – Summer Honors Research (3)
Prerequisites: One or more 200-level courses relevant to the research project; a minimum cumulative GPA of 3.3; and research proposal selected by Honors Committee. Projects are undertaken and completed over eight weeks in the early summer. The student and her faculty sponsor together determine what the student will produce as the culmination of her research project. At the end of the program each student must turn in to the Honors Program and to her faculty sponsor the final product of her research project. The research papers will be published in a special issue of the Honors Journal. This course is graded P/CR/NC only.
HNRS 470 – Advanced Honors (3)

Prerequisite: Permission of instructor. Upper-level research or creative project determined in advance by the student in consultation with two faculty members who will serve as primary and secondary project sponsors. The course is required for the Honors Degree, and serves as the capstone experience for Honors students who do not pursue a senior Honors thesis project. This course is typically taken in the student's junior or senior year.

Fine Arts

Admission into this program is based upon a competitive jury/audition process. The Fine Arts faculty at Sweet Briar are committed to the liberal-arts concept that a broad education enhances our understanding of each specialized area of intellectual or artistic endeavor. Being the only college in the United States with a residential artist colony on its campus, we have a unique opportunity to enrich the educational experience of our fine arts students. The presence of the Virginia Center for the Creative Arts and our own strong fine arts faculty have led to the development of this distinctive program. The Bachelor of Fine Arts degree in Interdisciplinary Arts is directed toward students with multifaceted creative interests. Throughout their course of study, they regularly interact with students, faculty, and visiting artists from all of our artistic disciplines. By examining methods of problem solving within their own disciplines through an active involvement with practitioners of all artistic media, students develop a rich understanding of the creative process and the problems that confront contemporary artists.

The Fine Arts Program

Required:

Choose a major area. Students must complete the requirements for one of the following majors: Dance, English and Creative Writing, Music, Musical Theatre, Studio Art, or Theatre.

Additional course requirements:
ARMG 105  (4)  Introduction to Arts Management

Choose 18 credit hours from the following list. Courses must be from disciplines other than the major and cannot be part of the major requirements. At least 6 credits must applied arts courses (fulfill V.6b general education knowledge area). At least 6 of the eighteen credits must be at the 200-level or above.

Applied Arts
-  Creative Writing: ENGL 106, ENGL 209, ENGL 211, ENGL 216, ENGL 254, ENGL 263, ENGL 266, ENGL 271, ENGL 275, ENGL 309, ENGL 311, ENGL 318, ENGL 334, ENGL 348, ENGL 365, ENGL 371, ENGL 383, ENGL 389
-  Dance: DANC 107, DANC 109, DANC 111, DANC 207, DANC 211, DANC 223, DANC 224, DANC 311
-  Music: MUSC 177, MUSC 179, MUSC 181, MUSC 185, MUSC 187, MUSC 189,
MUSC 191, MUSC 193, MUSC 197, MUSC 245, MUSC 251
- Studio Art: any studio art course with the exception of ARTS 209 and ARTS 213
- Theatre: THTR 189, THTR 229, THTR 230, THTR 280, THTR 329, THTR 341, THTR 389, THTR 392

History/Theory
- Dance: DANC 221, DANC 222, DANC 351
- History of Art: any ARTH course
- Music: MUSC 126, MUSC 127, MUSC 157, MUSC 213, MUSC 218, MUSC 327, MUSC 338, MUSC 340
- Studio Art: ARTS 209, ARTS 213

Choose the following course in three different semesters:
IART 101 (1) Fine Arts Workshop

**NOTE:** Successful completion of at least 3 semesters of this course is required. A maximum of 8 credits of IART 101 may be counted toward the degree.

Senior Exercise:
IART 452 (3) Senior Thesis

**NOTE:** IART 452 is required in addition to the senior seminar or exercise required in the major area.

Course Descriptions

**IART 101 – Fine Arts Workshop (1)**
This interdisciplinary workshop will address issues in the arts from a variety of perspectives as applied to a common theme each semester. The course will combine creative projects, group activities, and assigned readings to examine a variety of problem-solving methods, integrating these themes with various artistic disciplines. Sessions will be led by SBC faculty and visiting artists.

**IART 452 – Senior Thesis (3)**
**Prerequisite:** Acceptance into fine arts program and permission of the major advisor. Students will complete a large-scale project addressing a common problem from the combined perspectives of the principal arts forms studied by the student throughout her program of study. This independent project will be executed under the guidance of each department represented.
Interdisciplinary Studies

Course Descriptions

INTD 109 – The Religion of Socrates (3)
This course will examine the social background and philosophical articulations of Socratic religion. Students will read Plato's dialogues in the context of the cultural and religious background of ancient Greece. Themes such as immortality, the nature of wisdom, and the relationship of rationality and irrationality will be interrogated in philosophic and religious terms. Offered alternate years.

INTD 112 – Writing Wrongs: Gender and Power in Antiquity (3)
Prerequisite: Open only to first-year students in the y:1 program. We will examine the paradoxical differences of status for women in literature and life in ancient Rome, Greece, and Egypt. Wherever possible, we will read the words of women themselves, including the Greek lyrics of Sappho and the Latin elegies of Sulpicia. We will also consider why women were afforded status and relative autonomy in the world of religious ritual. We will look at Greek priestesses, the famous Pythia, and the surprising power of women in Sparta. The course will end with a consideration of female pharoahs in ancient Egypt and how art and texts had to change in some ways to accommodate this shift in political power. We will compare evidence of actual powerful women to the depiction of gender relations in Egyptian literature and art. May be counted towards the major or minor in classics. III.O, V.1

INTD 113 – Women and Power (3)
Prerequisite: Open only to first-year students in the y:1 program. This course will examine women's relationship to political power by seeking to understand various facets of women's involvement in political activity, from voting to activism to candidacy. What explains the rate of female participation in politics in different countries? Are female politicians as effective as men? Do women in office attempt to address "women's issues"? How do women's roles outside of formal politics (for example, in civil society) influence the political process? In trying to answer these and other questions, we will study specific countries from around the world. Countries that will be studied include the United States, Germany, India, Pakistan, Israel, Namibia, Rwanda, and Argentina. III.O, V.4, V.5

INTD 114 – Global Girlhoods (3)
Prerequisite: Open only to first-year students in the y:1 program. American anthropology began in the 1920s with the observation that girlhood could be very different from place to place around the world. Girls have had different obligations to kin, different senses of selfhood, different relations to boys, and different lives to look forward to as they grow up. How do girls spend their time in different societies? What do they look forward to, what do they avoid, what deep obligations do they feel? The 20th century saw historical transformations that both brought together girlhoods from around the world, and divided them sharply - modernity, with its standards of education and its linking of personal growth with national development; and globalization, with its paradox of mass market consumption and flexible production giving girls
new prominence around the world. What do girls want in the new world economy, and how should they achieve their desires? May be counted toward the major or minor in anthropology. III.O

INTD 115 – The Raw and the Cooked: Seeing Culture through Food (3)  
Prerequisite: Open only to first-year students in the y:1 program. The procuring and consumption of food is one of the requirements for all of humanity, and the ability to grow, store, and trade foodstuffs shapes cultures and their views of others. Identities are formed over what people eat and what others perceive as forbidden food: all religions have dietary restrictions and neighbors are judges by what they eat and how they prepare it. This course will look at the history of food as it affects group identity, from the mysterious beginnings of bread to the spice trade and finally to current movements such as Slow Food and locavorism. We will consider themes throughout the course of how food creates insiders and outsiders, how gender and food are interwoven, and how the exchange of food and cooking styles has created much of the modern world. III.O

INTD 117 – Industrialized Killing: The First World War, Modernity, and the Human Experience (3)  
Prerequisite: Open only to first-year students in the y:1 program. The course focuses on the war experiences of combat veterans during the First World War and the technological changes that made warfare so much more deadly and dehumanizing than in previous conflicts. It deals with trench warfare, changing technology, lingering concepts of class and class deference on the battlefield, and the social changes during and immediately after the conflict. The first third of the class is a brief history of the war itself, followed by memoirs and other primary sources that illuminate the changes that shaped the 20th century. It delves into aspects of the changing meanings of modernity and how the combat experience shaped these meanings. III.O, V.1

INTD 118 – The Writer as Public Intellectual (3)  
Prerequisite: Open only to first-year students in the y:1 program. Writers address the personal outcomes of political life and cultural norms. How do they articulate these conflicts, and when do they step out of their core genre into rhetorical writing and direct civic engagement? This course will study world writers in three broad categories: those who engage these issues as subject matter in their core creative genre, who step outside that genre to write rhetorically or discursively, and who take a public role in civic life outside their lives as writers altogether. Students will write expository essays that build on these models and will present their work in class. Readings will include Orhan Pamuk, Octavio Paz, Jorie Graham, James Baldwin, Robert Penn Warren, Anna Akhmatova, Osip Mandelstam, Josef Brodsky, Natasha Trethewey, and Adrienne Rich. III.O

INTD 120 – Architecture of Sweet Briar College: A Social History (3)  
Prerequisite: Open only to first-year students in the y:1 program. Based on the premise that buildings serve to legitimate ideas, the course will examine the history of Sweet Briar's architecture and how it reflects the college's values, particularly as it has defined itself as a women's college. We will compare the results of our investigation with other types of social
architecture, including prisons, asylums, and institutions of higher education, both coeducational and single sex. It is hope that by doing so the students will cultivate a sense of place and a deeper connection with their environment. Students who earn credit for this course may not receive credit for HNRS 271. III.O, V.1, V.6a

INTD 131 – Service Learning: Science Outreach (1)
Prerequisite: Completion of at least one introductory course in science or math or placement above the introductory level. Co-requisite: concurrent enrollment in a science or math course. Students will work within the community to foster interest in, knowledge of, and appreciation for the sciences.

INTD 203 – Architectural Studies (2)
Prerequisite: Permission of the instructor. Architectural Studies is a synthesis of architectural history, basic architectural theory, freehand drawing, and two- and three-dimensional model design and construction. The seminar session (one hour per week) comprises a chronological look at architectural history and concepts. The three-hour lab each week will start with a jury of models designed and constructed outside of class, followed by freehand drawing exercises.

INTD 308 – Inventing Antiquity (3)
Prerequisite: one CLAS or RELG course at the 200-level or above. We will examine religious and cultural forms from Greece, Rome, and Egypt and how they are envisioned and enacted in American history. The transmission of such phenomena as oracles, divination, religious initiations, and uses of secrecy will be studied. Historical pairings will include the Pythia and Spiritualism, Egyptian religion and the Mormons, and ancient mystery cults and their American imitators. May be counted toward the majors in classics and religion.

INTD 452 – Senior Seminar in Liberal Studies (3)
This capstone course is co-requisite for intern teachers seeking elementary licensure in the Liberal Studies major. Pre-service teachers will develop and refine their professional portfolios based upon INTASC standards. III.O, III.W

INTD 461 – Independent Study (1, 2, 3)
Research on a topic determined in advance by a student and by members of the departments involved.

INTD 463 – Senior Project (3)
Senior project determined in advance by a student and by members of the departments involved. This project is the capstone course for the self-designed major.
Latin American Studies

The Latin American Studies minor offers Sweet Briar students the opportunity to study the region composed of Mexico, Central and South America, and the Caribbean. The interdisciplinary approach allows students to explore various aspects of the area such as religion, history, politics, and literature. To provide a deeper cultural understanding and to insure a minimum level of communication skills in the major language of the region, Spanish proficiency through the 202-level is required. Students are encouraged to consider an approved study abroad experience in Latin America. This minor provides an excellent complement to majors in anthropology, environmental studies, government, international affairs, and religion, and prepares students for work in fields such as business, teaching, government and non-profits.

The Latin American Studies Minor
(18-21 semester hours)

Required:
LAST 201  (3)  Latin American Culture I
LAST 202  (3)  Latin American Culture II
LAST 302  (3)  Special Topics in Latin American Studies

Choose 3 of the following:
ARTH 223  (3)  Art of the Later Americas
ARTH 245  (3)  Art of the Early Americas
GOVT 318  (3)  Comparative Politics of Latin America
HIST 308  (3)  Encounters, Conquest, and European Expansion, 1350-1650
HIST 339  (3)  Slavery and Emancipation in America
LAST 302  (3)  Special Topics in Latin American Studies (can be repeated when content changes)
RELG 235  (3)  Latin American Religion
SPAN 255  (3)  Topics in Hispanic Literature in Translation (when topic is appropriate)
SPAN 382  (3)  The Latin American Novel
SPAN 384  (3)  The Latin American Short Story and Essay
SPAN 386  (3)  Latin American Theatre
SPAN 388  (3)  Latin American Poetry

NOTE: At least two courses for the minor must be at the 300-level.

Course Descriptions

LAST 201 – Latin American Culture I (3)
An introduction to the study of Mexico, Central America and the Caribbean through an interdisciplinary approach to the history and culture of the area. The historical, political, social, artistic and economic complexities of the region will be emphasized. V.4
LAST 202 – Latin American Culture II (3)
An introduction to the study of South America through an interdisciplinary approach to the history and culture of the continent. The historical, political, social, artistic and economic complexities of the region will be emphasized. V.4

LAST 261 – Directed Study (1, 2, 3)
Prerequisites: One LAST course and permission of the instructor. The study of introductory level material by an individual student or by a small group of students under the immediate supervision of a faculty member.

LAST 302 – Special Topics in Latin American Studies (3)
Prerequisite: Sophomores with permission. An exploration of a specific topic in Latin American studies. Topics will vary by semester and the course may be repeated for credit when course content changes. V.4

LAST 361 – Special Study (1, 2, 3)
Prerequisites: 200-level LAST course and permission of the instructor. The study of an intermediate level topic by an individual student or by a small group of students under the immediate supervision of a faculty member.

LAST 377 – Internship (1, 2, 3)
Prerequisites: Three credits in LAST and permission of the instructor and department chair. This course is graded P/CR/NC only.

LAST 461 – Independent Study (1, 2, 3)
Prerequisites: Two 200-level LAST courses and permission of the instructor. Pursuit of an upper level research project determined in advance by the student in consultation with a faculty member who will act as the sponsor.

Liberal Studies

The Liberal Studies major is required of all students seeking elementary certification (PreK-6) through the College’s approved licensing program. The major consists of a curriculum designed to meet the competencies mandated for teacher licensure in the Commonwealth of Virginia and many of the College’s General Education requirements. The program includes a core of required courses and a minor which must be selected by the sophomore year. Students seeking admission to the Liberal Studies major must fulfill all entrance requirements for the teacher preparation program, including submission of passing Praxis I scores. In addition, students must meet the Education Department’s professional studies requirements to be eligible for the degree which requires that students complete the Master of Arts in Teaching (see Education Department listings). Due to the heavy time commitment demanded by this major, students are encouraged to begin the program early in their academic career. This major is open only to those students
seeking elementary licensure (PreK-6) and who are prepared to commit to the fifth year MAT program. Liberal Studies majors will be invited to participate in graduation with their class, but will not receive their Bachelor of Arts degree at that time. It will be indicated on the commencement program that they are candidates for the Master of Arts in Teaching degree. At the end of their fifth year, when all MAT requirements are completed, Liberal Studies majors will receive both their Bachelor of Arts degree and their Master of Arts in Teaching degree.

**The Liberal Studies Major**  
(48-53+ semester hours)

**Required:**
- BIOL 103 (4) Life Science by Inquiry
- ENGL 317 (3) History of the English Language
- ENVR 143 (4) Physical Geography: Landscapes
- GOVT 159 (3) Introduction to American Government
- HIST 135 (3) America, Origins to 1877
- HIST 136 (3) The United States, 1877 to the Present
- MATH 211 (3) Fundamental Mathematics I
- MATH 213 (3) Fundamental Mathematics II
- PHYS 103 (4) Physical Science by Inquiry
- PSYC 201 (3) Developmental Psychology: Infancy and Childhood

**Senior Exercise:**
- INTD 452 (3) Senior Seminar for Liberal Studies

**Choose 1 of the following:**
- HIST 103 (3) Introduction to History: Intoxication and Addiction in America
- HIST 104 (3) Introduction to History: Medieval Heroes: Myth or History
- HIST 105 (3) Introduction to History: Doing Sweet Briar History
- HIST 107 (3) Introduction to History: Stalin and Hitler

**Additional Requirements:**
Majors will complete a minor (or a second major) which must include at least one three-credit course at the 200-level or above, and at least two three-credit courses at the 300-level or above. In addition to the completion of the Liberal Studies major requirements, students seeking elementary licensure must also complete the required Professional Studies and Field Experience courses listed under the Education Department.

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**Mathematical and Computer Science**

Students in the mathematical programs analyze and solve problems in a variety of environments while improving and extending their logical skills. Major programs may be elected which emphasize abstract or applied mathematics.
A student may earn either a Bachelor of Arts or a Bachelor of Science degree in mathematics. Interdepartmental majors are offered in mathematical economics and mathematics-physics. Students interested in any of these majors are encouraged to consult the department chair for advising assistance.

**NOTE:** No more than two 300-level courses may be double-counted for a mathematics major and a statistics minor. No 300-level course may be double-counted for a mathematics minor and a statistics minor.

**The Mathematics Major (B.A.)**
(44 semester hours)

**Required:**
- CSCI 188 (4) Java Programming I
- MATH 123 (4) Calculus I
- MATH 124 (3) Calculus II
- MATH 205 (3) Applied Statistics
- MATH 223 (3) Calculus III
- MATH 232 (3) Linear Algebra
- MATH 318 (3) Mathematical Proofs
- MATH 323 (3) Sequences and Series
- MATH 333 (3) Algebraic Structures

**Senior Exercise:**
- MATH 452 (3) Senior Seminar

**Choose 1 of the following courses:**
- MATH 424 (3) Advanced Calculus
- MATH 434 (3) Topics in Abstract Algebra

**Choose 3 additional three-credit courses** in mathematics at the 300-level or above. BIOL 320 may be used toward this requirement.

**The Mathematics Major (B.S.)**
(60-61 semester hours)

**Required:**
- CHEM 131 (4) General Chemistry
- CHEM 141 (1) General Chemistry Laboratory
- CSCI 188 (4) Java Programming I
- MATH 123 (4) Calculus I
- MATH 124 (3) Calculus II
- MATH 205 (3) Applied Statistics
- MATH 223 (3) Calculus III
- MATH 232 (3) Linear Algebra
- MATH 318 (3) Mathematical Proofs
MATH 323  (3)  Sequences and Series
MATH 333  (3)  Algebraic Structures
PHYS 171  (4)  General Physics I

Senior Exercise:
MATH 452  (3)  Senior Seminar

Choose 1 of the following options:

Option A:
CHEM 252  (4)  Introduction to Quantitative and Inorganic Chemistry
CHEM 253  (1)  Introduction to Quantitative and Inorganic Chemistry Laboratory

Option B:
PHYS 172  (4)  General Physics II

Choose 1 of the following courses:
MATH 424  (3)  Advanced Calculus
MATH 434  (3)  Topics in Abstract Algebra

And choose 4 additional three-credit courses in mathematics at the 300-level or above. BIOL 320 may be used toward this requirement.

The Mathematics Minor
(20 semester hours)

Required:
CSCI 188  (4)  Java Programming I
MATH 123  (4)  Calculus I
MATH 124  (3)  Calculus II

Choose 1 of the following courses:
MATH 223  (3)  Calculus III
MATH 232  (3)  Linear Algebra

Choose 1 three-credit course in mathematical science at 300-level or above. BIOL 320 may be used for this requirement.

And choose BIOL 320 (if not used above) or one additional three-credit course in mathematics excluding MATH 113, MATH 211, and MATH 213.

Teacher Licensure
Students seeking teacher licensure in secondary mathematics must include MATH 310 and MATH 333 in their major program. In addition, one course in statistics (MATH 106 or MATH 205) must be included in the major program.
Course Descriptions

MATH 106 – Statistical Reasoning (3)
Prerequisite: Not open to students who have received credit for MATH 205. An introduction to concepts and methods of data analysis. Graphical and numerical description of data. Normal distributions, confidence intervals, significance tests, correlation and linear regression. Use of statistical reasoning in such areas as opinion polling, government surveys, health risk assessment, behavioral research. Students who have an interest in the sciences would usually be better served by MATH 205 as a statistics course. III.Q

MATH 113 – Precalculus (3)
Prerequisite: Not open to students who have received credit for MATH 123. A study of the polynomial, absolute value, logarithmic, exponential, and trigonometric functions and their graphs. III.Q

MATH 123 – Calculus I (4)
Limits, differentiation and integration of polynomials and trigonometric functions. Applications of calculus including graphing, related rates and max-min problems. This course includes a three-hour laboratory session. III.Q

MATH 124 – Calculus II (3)
Prerequisite: MATH 123. Applications of calculus to area and volume problems, the exponential and logarithm functions, techniques of integration, sequences and series of real numbers. III.Q

MATH 205 – Applied Statistics (3)
Prerequisite or co-requisite: MATH 113, MATH 123, or BUSN 127; not open to students who have received credit for MATH 106. An introduction to data analysis and statistics. Descriptive statistics, random variables and their distributions, independence, sampling distributions, confidence intervals, hypothesis testing and linear regression. Applications in science, social sciences and economics. III.Q

MATH 211 – Fundamental Mathematics I (3)
Prerequisite: Not open to first-year students. A course for prospective elementary teachers covering the methods of instruction of mathematics and emphasizing a hands-on approach. Topics include number systems, elementary number theory, ratio, proportion, and percent.

MATH 213 – Fundamental Mathematics II (3)
Prerequisite: Not open to first-year students. A course for prospective elementary teachers covering the methods of instruction of mathematics and emphasizing a hands-on approach. Topics include mathematical reasoning, geometry, and probability and statistics.
MATH 223 – Calculus III (3)
Prerequisite: MATH 124. Topics in analytic geometry in two- and three-dimensional Euclidean space, functions of several variables, partial differentiation, gradients, and multiple integration.

MATH 232 – Linear Algebra (3)
Prerequisite: MATH 124. A study of linear systems, matrices and matrix algebra, determinants, vector spaces, and linear transformations; includes applications to Euclidean n-dimensional spaces as well as theory of abstract vector spaces.

MATH 261 – Directed Study (1, 2, 3)
Prerequisites: One MATH course and permission of the instructor. The study of introductory level material by an individual student or by a small group of students under the immediate supervision of a faculty member.

MATH 303 – Probability (3)
Prerequisite: MATH 223. Permutations and combinations, discrete and continuous distributions of several random variables, independence, and conditional probability, expectation, variance, the Central Limit Theorem. Offered alternate years.

MATH 310 – Modern Geometry (3)
Prerequisite: MATH 124. Topics in Euclidean and non-Euclidean geometry, particularly geometry on a sphere. Students in this course deepen their understanding of geometry and the nature of geometric proof through discussion, discovery, and writing. Offered alternate years.

MATH 318 – Mathematical Proofs (3)
Prerequisite or co-requisite: MATH 223 or MATH 232. An introduction to constructing rigorous mathematical arguments. Topics include mathematical induction, functions, relations, modular arithmetic, introductory logic, introductory set theory, and introductory combinatorics.

MATH 323 – Sequences and Series (3)
Prerequisite: MATH 318. A rigorous study of sequences and series of real numbers and functions, developed from the axioms of the real number system and elementary point set theory.

MATH 328 – Ordinary Differential Equations (3)
Prerequisite: MATH 124. Separation of variables, exact equations, first and second order linear equations. Solutions by power series and numerical methods, systems of equations. Applications to the physical and biological sciences. Offered alternate years.

MATH 333 – Algebraic Structures (3)
Prerequisite: MATH 318. A rigorous study of abstract algebraic structures, focusing primarily on group theory.
MATH 336 – Vector Calculus (3)
Prerequisite: MATH 223. This course extends the material in Calculus III, covering further topics in multidimensional calculus. It includes Green’s theorem, Stokes’ theorem and the divergence theorem, as well as calculus in spherical and cylindrical coordinates. Applications to physics are discussed. Offered alternate years.

MATH 342 – Mathematical Modeling (3)
Prerequisites: CSCI 188 and MATH 232. Mathematical models with application to the social, life, and managerial sciences. Linear programming and one or more topics chosen from game theory, Markov chains, queuing models, networks, and graph theory. Offered alternate years.

MATH 346 – Numerical Analysis (3)
Prerequisites: MATH 223, MATH 232, and CSCI 188. Topics chosen from the following numerical methods: computer calculations, approximation of functions, differentiation, integration, solution of ordinary differential equations, and inversion of matrices. Offered alternate years.

MATH 361 – Special Study (1, 2, 3)
Prerequisites: 100-level MATH course and permission of the instructor. The study of an intermediate level topic by an individual student or by a small group of students under the immediate supervision of a faculty member.

MATH 377 – Internship (1, 2, 3)
Prerequisites: Three credits in MATH and permission of the instructor and department chair. This course is graded P/CR/NC only.

MATH 424 – Advanced Calculus (3)
Prerequisite: MATH 323. A rigorous development of the theory of calculus, including continuity, differentiation, and integration. Offered alternate years.

MATH 434 – Topics in Abstract Algebra (3)
Prerequisite: MATH 333. A rigorous study of abstract algebraic structures, including rings, integral domains, fields, and polynomial rings. Offered alternate years.

MATH 445 – Complex Analysis (3)
Prerequisite: MATH 223. Algebra of complex numbers, analytic functions, Cauchy-Riemann equations, Cauchy’s theorem, Taylor and Laurent expansions, calculus of residues. Offered alternate years.

MATH 452 – Senior Seminar (3)
Prerequisite: Open to senior mathematics majors; others by permission. This seminar is the departmental senior exercise, required of all mathematics majors. Under the direction of faculty mentors, students select and research topics in order to present them to the class. Historical topics comprise one focus of the course. III.O
MATH 461 – Independent Study (1, 2, 3)
Prerequisites: one 100-level MATH course, one 200-level MATH course, and permission of the instructor. Pursuit of an upper level research project determined in advance by the student in consultation with a faculty member who will act as the sponsor.

Mathematical Economics
The Mathematical Economics Major (B.A.)
(48 semester hours)

Required:
CSCI 188 (4) Java Programming I
ECON 101 (3) Principles of Microeconomics
ECON 102 (3) Principles of Macroeconomics
ECON 201 (3) Intermediate Microeconomics
ECON 202 (3) Intermediate Macroeconomics
ECON 227 (3) Methods of Economic Analysis
ECON 332 (3) Econometrics
MATH 123 (4) Calculus I
MATH 124 (4) Calculus II
MATH 205 (3) Applied Statistics
MATH 232 (3) Linear Algebra
MATH 342 (3) Mathematical Modeling

Senior Exercise:
ECON 452 (3) Senior Seminar

Choose 1 of the following courses:
MATH 303 (3) Probability
MATH 328 (3) Ordinary Differential Equations

Choose 1 of the following courses:
ECON 313 (3) International Economics
ECON 342 (3) Ecological Economics

Medieval and Renaissance Studies
The Medieval and Renaissance Studies minor provides an interdisciplinary opportunity for an integrated study of European cultures from the 4th to the 17th centuries. The period, which is essential to an understanding of Western society, can best be approached through a combination of several disciplines. Collaboration by the departments of English, history, and the history of art allows just such a course of study.

In the Middle Ages, after the collapse of the Roman Empire, many of the legacies of ancient
Rome were adapted in response to new ideas introduced by the expanding influence of Germanic, Celtic, and Mediterranean cultures. We will focus on the socio-political, economic, and cultural interactions of these cultures throughout the medieval period, during which the linguistic and geographic patterns of Europe we recognize today emerged.

During the Renaissance (c. 1400-1650), Europe experienced a period of cultural renewal stemming from a re-interpretation of Classical ideas. Momentous changes resulted from humanism, the Reformation, the Scientific Revolution, and the Age of Exploration. We will study these historical developments as well as the dramatic transformations in arts, literature, social values, and notions of selfhood that accompanied them. Acknowledging and questioning the differences that have traditionally been seen as separating the Middle Ages and the

Renaissance makes the examination of both periods more compelling. The Medieval and Renaissance Studies minor complements Sweet Briar College’s commitment to the liberal arts and illustrates the high level and rigorous quality of study available to its students. Also, by acknowledging a student’s concentration in this area, her chance at graduate study in one of these fields is greatly increased. Study abroad is strongly encouraged.

The Medieval and Renaissance Studies Minor
(18 semester hours)

**Required:**
**Choose 2 of the following courses** from each department listed below. Please be aware of possible prerequisites. At least one course must be at the 300-level in two of the three departments.

**Note:** If majoring in any of these departments, choose one course from the major department and at least two courses from each of the remaining departments.

**English**
ENGL 235 (3) Shakespeare
ENGL 236 (3) The English Sonnet
ENGL 239 (3) Old English Language and Literature
ENGL 315 (3) Swords and Shield-maidens: Gender Politics in Medieval Heroic Epic
ENGL 317 (3) History of the English Language
ENGL 319 (3) Chaucer
ENGL 322 (3) Romance and Renewal: Shakespeare and Elizabethan Drama
ENGL 324 (3) Revenge and Ravishment: Shakespeare and Jacobean Drama
ENGL 340 (3) The Sacred and the Profane in the English Renaissance
ENGL 344 (3) Women in the Renaissance

**History**
HIST 104 (3) Medieval Heroes: Myth or History
HIST 121 (3) Early and Medieval Britain
HIST 127 (3) English History, 1500-1689
HIST 143 (3) Early Modern Europe, 1350-1650
HIST 224 (3) The Medieval West, 400-1350
HIST 308 (3) Encounters, Conquest, and European Expansion: 1350-1650
HIST 321 (3) Studies in Medieval History (may be repeated if topic differs)
HIST 322 (3) Renaissance and Reformation

History of Art
ARTH 204 (3) The Art of Northern Europe, 1400-1600
ARTH 213 (3) Early Renaissance Art in Italy
ARTH 214 (3) High Renaissance and Mannerist Art in Italy
ARTH 217 (3) European Art in the 17th Century
ARTH 235 (3) Early Medieval Art
ARTH 322 (3) Romanesque Art and Architecture
ARTH 336 (3) Studies in Medieval Art and Architecture (may be repeated if topic differs)
ARTH 338 (3) Gothic Art and Architecture
ARTH 340 (3) Topics in Renaissance and Baroque Art
ARTH 341 (3) Seminar: Art and Theory in Renaissance Italy (may be repeated if topic differs)
ARTH 344 (3) Seminar: Art and Theory in Baroque Europe (may be repeated if topic differs)

NOTE: Minors may substitute one of the following courses for one of the six required core courses:
FREN 213 (3) Studies in French Literature I
MUSC 327 (3) Early Music
PHIL 331 (3) Medieval and Renaissance Philosophy
SPAN 326 (3) Early Spanish Culture: Heritage and Identity
THTR 334 (3) History and Literature of the Theatre of the Middle Ages and Renaissance

The following courses may not be counted toward the minor, but are strongly recommended to complement its focus and content:
Classical languages: Latin and Greek
Romance languages: French, German, and Spanish
RELG 241 (3) Judaism
RELG 244 (3) Christianity
RELG 255 (3) Islam

Music
The Department of Music provides comprehensive study in music for the student who wishes to major in music in a liberal arts setting as well as general courses for the student who wishes to study music to broaden her cultural understanding or as a performing art. We believe students should be proficient in both musicology and performance. Our curriculum is balanced between the history, theory, and genres basic to a thorough understanding of music with applied studies and a variety of performance opportunities. We strive to challenge all students to work to their
maximum potential so that upon graduation they possess the critical, creative, and interpersonal skills necessary for success in life and livelihood.

The Music Major
(37 semester hours)

**Required:**
- MUSC 157 (3) Music Theory I: Analysis and Performance
- MUSC 213 (3) Classical and Romantic Music
- MUSC 218 (3) Music Theory II: Composition and Analysis
- MUSC 257 (3) Advanced Theory and Analysis I
- MUSC 327 (3) Early Music
- MUSC 338 (3) Music from Impressionism to the Present
- MUSC 343 (1) Aural Skills I
- MUSC 344 (1) Aural Skills II
- MUSC 357 (3) Advanced Theory and Analysis II

**Senior Exercise:**
- MUSC 452 (3) Senior Seminar

**Choose 1 of the following courses:**
- MUSC 133 (3) Popular Music
- MUSC 224 (3) Film Music

**Choose 4 two-credit courses** in solo applied music (MUSC 177, MUSC 179, MUSC 181, MUSC 185, MUSC 187, MUSC 189, MUSC 191, MUSC 193, MUSC 197, or MUSC 303).

The Music Minor–History and Theory Option
(18 semester hours)

**Required:**
- MUSC 157 (3) Music Theory I: Analysis and Performance
- MUSC 213 (3) Classical and Romantic Music
- MUSC 218 (3) Music Theory II: Composition and Analysis
- MUSC 327 (3) Early Music
- MUSC 338 (3) Music from Impressionism to the Present

**Choose 1 of the following courses:**
- MUSC 133 (3) Popular Music
- MUSC 224 (3) Film Music

The Music Minor–Solo Applied Music Option
(18 semester hours)

**Required:**
- MUSC 157 (3) Music Theory I: Analysis and Performance
MUSC 218  (3)  Music Theory II: Composition and Analysis

Choose 2 courses from the following:
MUSC 133  (3)  Popular Music
MUSC 213  (3)  Classical and Romantic Music
MUSC 224  (3)  Film Music
MUSC 327  (3)  Early Music
MUSC 338  (3)  Music from Impressionism to the Present

Choose 3 two-credit courses in solo applied music (MUSC 177, MUSC 179, MUSC 181, MUSC 185, MUSC 187, MUSC 189, MUSC 191, MUSC 193, or MUSC 197).

Teacher Licensure in Vocal Music
(37 semester hours)

Students seeking licensure in vocal music must satisfy all requirements for the major in music and complete MUSC 179, Applied Conducting as well.

The Musical Theatre Major
(45-46 semester hours)

Required:
DANC 107  (1)  Beginning Ballet
DANC 109  (1)  Beginning Jazz Dance
DANC 111  (1)  Beginning Modern Dance
DANC 113  (1)  Beginning Tap
MUSC 157  (3)  Music Theory I: Analysis and Performance
MUSC 218  (3)  Music Theory II: Composition and Analysis
THTR 189  (3)  Acting I
THTR 229  (2)  Production and Performance
THTR 235  (3)  Musical Theatre Literature: Stage and Screen
THTR 329  (2)  Advanced Theatre Production
THTR 336  (3)  History and Literature of the Theatre in the 20th and 21st Centuries
THTR 341  (3)  Vocal Performance Technique

Senior Exercise:
THTR 463  (3)  Senior Project

Choose 1 of the following courses:
DANC 211  (1)  Intermediate Modern Dance
DANC 311  (2)  Advanced Modern Dance

Choose 1 of the following courses:
DANC 223  (3)  Introduction to Dance Composition I
DANC 224  (3)  Introduction to Dance Composition II
Choose the following course twice in two different semesters (4 credits):
MUSC 181  (2)  Applied Piano

Choose the following course four times in four different semesters (8 credits):
MUSC 185  (2)  Applied Voice

NOTE: At the discretion of the chair of the music department, a student may substitute MUSC 107 for one semester of MUSC 181. At the discretion of the chair of the dance department, a student may substitute DANC 211 for DANC 111 and/or may substitute DANC 207 for DANC 107.

The Musical Theatre Minor
(20-21 semester hours)

Required:
DANC 111  (1)  Beginning Modern Dance
MUSC 107  (3)  Rudiments of Music I
MUSC 138  (1)  Opera Workshop
MUSC 185  (2)  Applied Voice
THTR 189  (3)  Acting I
THTR 229  (2)  Production and Performance
THTR 235  (3)  Musical Theatre Literature: Stage and Screen
THTR 341  (3)  Musical Theatre Techniques

Choose both:
DANC 107  (1)  Beginning Ballet
DANC 109  (1)  Beginning Jazz

OR

Choose:
DANC 223  (3)  Introduction to Dance Composition I

NOTES: At the discretion of the chair of the music department, some students whose major is music may substitute MUSC 181 for MUSC 107. For the minor in musical theatre, the P/CR/NC grading option may be exercised for courses taken at the 100- and 200-level only. Additional information about the P/CR/NC grading option is available under the Academic Regulations heading of the catalog.

Course Descriptions

MUSC 107 – Rudiments of Music (3)
Introduction to the musical notation of pitch and rhythm and to scales and intervals through study in beginning piano technique and literature, ensemble playing, and simple improvisation. No prior knowledge of music is necessary. V.6a
MUSC 126 – The Appreciation of Music (3)
A course designed to increase and deepen the student’s appreciation of music as an art. Emphasis is placed upon development of intelligent listening skills founded upon a knowledge of the basic elements of music, musical styles and their historical contexts. V.6a

MUSC 127 – World Music (3)
An introduction to selected musical traditions of the world, including the impact of culture and ethnicity on the music of Asia, Africa, Spain (Flamenco), Latin America and the Caribbean, and the United States (Blues and 1950s rock and roll). Constant comparisons will be made with Western music’s forms, melody, harmony and rhythm. No prior knowledge of music is necessary or expected. V.4

MUSC 133 – Popular Music (3)
This course allows students to examine U.S. popular music while exploring the question, “as historically situated expressions of cultural values, what does this music tell us about American life?” Topics include the intersection of music with a wide variety of social issues - involving gender, race, class, politics, religion, sexuality, and more - embedded within particular historical and cultural contexts. Offered alternate years. III.W, V.6a

MUSC 138 – Opera Workshop (1)
Opera workshop is a performance based course which allows students to explore operatic literature in an educational classroom setting. Students will study and perform literature which is vocally and dramatically challenging but which is well within their capabilities. Basic elements of stage deportment, character analysis, and public performance will also be incorporated. V.6b

MUSC 157 – Music Theory I: Analysis and Performance (3)
Prerequisite: Placement. An introductory study of the elements of Common Practice music. Attention will be directed to the development of analytical and aural skills, through examination of musical notation, intervals, scales, cadences, motives, phrases, multi-voice combinations and chord structure. The class will also focus on the ways in which this analytical understanding of music will aid performance and musical interpretation. See department chair for placement test information. V.6a

MUSC 177 – Applied Composition (2)
Students will have independent instruction in musical composition. Weekly assignments of prescribed composition projects will introduce students to a variety of musical procedures. Additionally, each student will produce a single larger work developed progressively throughout the semester to be presented in performance at the end of the term. May be repeated for credit. Applied music fee required.

MUSC 179 – Applied Conducting (2)
This course will focus on developing each student's ability to organize and lead rehearsals of vocal and instrumental ensembles. During the term progressive exercises on beat patterns, transpositions, and score reading, combined with score analyses, will lead to an investigation of
rehearsal procedures and teaching strategies. By arrangement with the instructor, students will have the opportunity to lead ensembles in rehearsals to acquire practical experience in applying techniques examined in the classroom. May be repeated for credit. Applied music fee required.

**MUSC 181 – Applied Piano (2)**

*Prerequisite: Interested incoming first-year students should plan to audition during orientation week. Other audition dates will be announced during the academic year. Upperclassmen desiring applied music study should arrange an audition or consult with the chair of the department prior to registration for the term in which lessons are desired. A weekly, 50-minute private lesson. An applied music fee will be assessed for this course. Music scholarships are available to defray part of the cost. Once a scholarship has been awarded, it will continue to be awarded whenever the student enrolls in the course, as long as funds are available and the student shows sufficient progress. All students enrolled in applied music are required to perform in a departmental recital or before a faculty jury, usually near the end of the academic term. Exceptions may be made for those students who have performed a solo recital or program of equivalent difficulty. May be repeated for credit.*

**MUSC 185 – Applied Voice (2)**

*Prerequisite: Interested incoming first-year students should plan to audition during orientation week. Other audition dates will be announced during the academic year. Upperclassmen desiring applied music study should arrange an audition or consult with the chair of the department prior to registration for the term in which lessons are desired. A weekly, 50-minute private lesson. An applied music fee will be assessed for this course. Music scholarships are available to defray part of the cost. Once a scholarship has been awarded, it will continue to be awarded whenever the student enrolls in the course, as long as funds are available and the student shows sufficient progress. All students enrolled in applied music are required to perform in a departmental recital or before a faculty jury, usually near the end of the academic term. Exceptions may be made for those students who have performed a solo recital or program of equivalent difficulty. May be repeated for credit.*

**MUSC 189 – Applied Guitar (2)**

*Prerequisite: Interested incoming first-year students should plan to audition during orientation week. Other audition dates will be announced during the academic year. Upperclassmen desiring applied music study should arrange an audition or consult with the chair of the department prior to registration for the term in which lessons are desired. A weekly, 50-minute private lesson. An applied music fee will be assessed for this course. Music scholarships are available to defray part of the cost. Once a scholarship has been awarded, it will continue to be awarded whenever the student enrolls in the course, as long as funds are available and the student shows sufficient progress. All students enrolled in applied music are required to perform in a departmental recital or before a faculty jury, usually near the end of the academic term. Exceptions may be made for those students who have performed a solo recital or program of equivalent difficulty. May be repeated for credit.*
MUSC 191 – Applied Strings (2)
Prerequisite: Interested incoming first-year students should plan to audition during orientation week. Other audition dates will be announced during the academic year. Upperclassmen desiring applied music study should arrange an audition or consult with the chair of the department prior to registration for the term in which lessons are desired. A weekly, 50-minute private lesson. An applied music fee will be assessed for this course. Music scholarships are available to defray part of the cost. Once a scholarship has been awarded, it will continue to be awarded whenever the student enrolls in the course, as long as funds are available and the student shows sufficient progress. All students enrolled in applied music are required to perform in a departmental recital or before a faculty jury, usually near the end of the academic term. Exceptions may be made for those students who have performed a solo recital or program of equivalent difficulty. May be repeated for credit. V.6b

MUSC 193 – Applied Woodwinds (2)
Prerequisite: Interested incoming first-year students should plan to audition during orientation week. Other audition dates will be announced during the academic year. Upperclassmen desiring applied music study should arrange an audition or consult with the chair of the department prior to registration for the term in which lessons are desired. A weekly, 50-minute private lesson. An applied music fee will be assessed for this course. Music scholarships are available to defray part of the cost. Once a scholarship has been awarded, it will continue to be awarded whenever the student enrolls in the course, as long as funds are available and the student shows sufficient progress. All students enrolled in applied music are required to perform in a departmental recital or before a faculty jury, usually near the end of the academic term. Exceptions may be made for those students who have performed a solo recital or program of equivalent difficulty. May be repeated for credit. V.6b

MUSC 197 – Applied Brass (2)
Prerequisite: Interested incoming first-year students should plan to audition during orientation week. Other audition dates will be announced during the academic year. Upperclassmen desiring applied music study should arrange an audition or consult with the chair of the department prior to registration for the term in which lessons are desired. A weekly, 50-minute private lesson. An applied music fee will be assessed for this course. Music scholarships are available to defray part of the cost. Once a scholarship has been awarded, it will continue to be awarded whenever the student enrolls in the course, as long as funds are available and the student shows sufficient progress. All students enrolled in applied music are required to perform in a departmental recital or before a faculty jury, usually near the end of the academic term. Exceptions may be made for those students who have performed a solo recital or program of equivalent difficulty. May be repeated for credit. V.6b

MUSC 205 – Accompanying (1)
Prerequisites: Audition and permission of the instructor. Coaching and preparation of repertory for keyboard with voice or instrumentation; sight-reading; with possible performance in recital of literature studied. V.6b
MUSC 213 – Classical and Romantic Music (3)
Prerequisite: MUSC 157. A study of Western vocal and instrumental music from 1770 to 1890, focusing both upon general stylistic developments in their historical contexts and upon the closer study of great works of the Classic and Romantic masters. Basic forms and score analysis will be introduced. These forms include Sonata-allegro form, theme and variations, rondo, minuet and trio, and song forms. III.W, V.1, V.6a

MUSC 218 – Music Theory II: Composition and Analysis (3)
Prerequisite: MUSC 157. A continuation of MUSC 157. Attention will be directed to writing music in Common Practice style, deepening the student's analytical understanding of Common Practice Music, and developing aural skills. See department chair for placement test information. V.6a

MUSC 224 – Film Music (3)
Prerequisite: MUSC 107 or MUSC 157. This course will introduce students to the process of composing film scores, as well as analyzing films, representing various compositional styles and techniques. Students will use technical and musical vocabularies to analyze and critique film scores. Included in our study will be film composers John Williams, Danny Elfman, Howard Shore, Elmer Bernstein, Bernard Herrmann, Nino Rota, Miklos Rosza, Jerry Goldsmith, and others. Offered alternate years. III.O, V.6a

MUSC 245 – Concert Choir (1)
Rehearsal and performance of the choral literature from the renaissance to the 20th century. Performances with neighboring college choral groups. V.6b

MUSC 251 – Chamber Orchestra (1)
Prerequisites: Audition and permission of the instructor. Reading, preparation and performance of instrumental chamber music and ensemble music of various styles. The instrumental ensemble performs alone and with the concert choir. Three hours of rehearsal per week. V.6b

MUSC 253 – Steel Orchestra (1)
Study of the techniques and styles necessary for ensemble performance in a steel orchestra, as well as the role of steel pan in the cultural life of Trinidad and Tobago. May be repeated for credit. V.6b

MUSC 257 – Advanced Theory and Analysis I (3)
Prerequisite: MUSC 218. This course is a continuation of the study of theoretical and compositional devices and how harmonic organization, rhythmic aspects, matters of texture, sonority, tension and relaxation, and coherence and unity impact larger forms of the Common Practice period. We will also study late 19th-century chromatic harmony and 20th-century compositional techniques. III.O, V.6a
MUSC 261 – Directed Study (1, 2, 3)
Prerequisites: one MUSC course and permission of the instructor. The study of introductory level material by an individual student or by a small group of students under the immediate supervision of a faculty member.

MUSC 303 – Recital (2)
Prerequisite: Permission of the instructor and preview committee. Presentation of solo or chamber music repertoire or both in recital. The student will present a preview of the recital to music department faculty one month prior to the concert.

MUSC 327 – Early Music (3)
Prerequisite: MUSC 157. Not open to students who have received credit for MUSC 212 or MUSC 331. A study of vocal and instrumental Western music from the period of Gregorian chant through to the early classical period ca. 1770. Emphasis is placed upon study of stylistic developments in their historical contexts. V.6a

MUSC 338 – Music from Impressionism to the Present (3)
Prerequisite: MUSC 157. A study of Western music from 1890 to the present, with emphasis placed upon study of the great composers of the 20th century. Topics covered will include impressionism, dodecaphonic music, neoclassicism, serialism, and the emergence of electronic and synthesized music. Basic musical forms and music score analysis will be introduced. These include serial techniques, aleatoric ideas, minimalism, advanced harmonic analysis, new systems of notation, and the innovations in rhythm. V.1, V.6a

MUSC 343 – Aural Skills I (1)
Prerequisite: MUSC 218. This course will develop the student’s ability to sight-sing using the solfege system, and to recognize and discern musical elements such as intervals, chords, melodies, and rhythms.

MUSC 344 – Aural Skills II (1)
Prerequisite: MUSC 343. This course is a continuation of MUSC 343.

MUSC 345 – Advanced Choir (1)
Prerequisite: Permission of the instructor. This course is offered for the more advanced choral student. Students must demonstrate the ability to read music and to match pitch. The repertoire will include pieces that require a high degree of musical proficiency. May be repeated for credit. V.6b

MUSC 357 – Advanced Theory and Analysis II (3)
Prerequisite: MUSC 257. This course is a continuation of the study of theoretical and compositional devices and how harmonic organization, rhythmic aspects, matters of texture, sonority, tension and relaxation, and coherence and unity impact large forms of the Common Practice period. We will also study late 19th-century chromatic harmony and 20th-century compositional techniques. III.O, V.6a
MUSC 361 – Special Study (1, 2, 3)
Prerequisites: 100-level MUSC course and permission of the instructor. The study of an intermediate level topic by an individual student or by a small group of students under the immediate supervision of a faculty member.

MUSC 377 – Internship (1, 2, 3)
Prerequisites: Three credits in MUSC and permission of the instructor and department chair. This course is graded P/CR/NC only.

MUSC 452 – Senior Seminar (3)
Prerequisite: Three courses in music history and three courses in music theory. Intensive study with emphasis upon at least two of the following: analysis, historical research, or performance. This study will culminate in a substantial piece of critical writing by the student, to be carried out under the supervision of the department faculty.

MUSC 461 – Independent Study (1, 2, 3)
Prerequisites: One 100-level MUSC course, one 200-level MUSC course, and permission of the instructor. Pursuit of an upper level research project determined in advance by the student in consultation with a faculty member who will act as the sponsor.

Philosophy
Philosophy is primarily something one does. At Sweet Briar, students are involved directly in the process of exploring and developing ideas in the context of an intense encounter with the faculty, other students, and the writings of those philosophers widely acknowledged to be profound, provocative, or both. The student will study philosophy by being a philosopher, and as such, will be engaged in a search for the definition, expansion, and deepening of her own world view.

The Philosophy Major
(33 semester hours)

Required:
PHIL 119 (3) Logic
PHIL 315 (3) Roots of Western Thought

Senior Exercise:
PHIL 452 (3) Senior Seminar

Choose at least one of the following courses:
PHIL 115 (3) Fundamental Philosophical Questions
PHIL 129 (3) Introduction to Political Philosophy
Choose at least two the following courses:
PHIL 303  (3)  War, Power, and Justice  
PHIL 314  (3)  Philosophy and the American Republic  
PHIL 331  (3)  Medieval and Renaissance Philosophy  
PHIL 342  (3)  The Enlightenment and Its Critics  

Choose 5 additional three-credit courses in philosophy or from the following:
CLAS 205  (3)  Ancient Greece  
CLAS 219  (3)  Ancient Philosophers in Context  
INTD 109  (3)  The Religion of Socrates  
RELG 263  (3)  Asian Philosophies  
RELG 302  (3)  The Comparative Philosophy of Religion  

The Philosophy Minor  
(18 semester hours)  

Required:
PHIL 119  (3)  Logic  

Choose at least one of the following courses:
PHIL 115  (3)  Fundamental Philosophical Questions  
PHIL 129  (3)  Introduction to Political Philosophy  

Choose at least two the following courses:
PHIL 303  (3)  War, Power, and Justice  
PHIL 314  (3)  Philosophy and the American Republic  
PHIL 315  (3)  Roots of Western Thought  
PHIL 331  (3)  Medieval and Renaissance Philosophy  
PHIL 342  (3)  The Enlightenment and Its Critics  

Choose 2 additional three-credit courses in philosophy or from the following:
CLAS 205  (3)  Ancient Greece  
CLAS 219  (3)  Ancient Philosophers in Context  
INTD 109  (3)  The Religion of Socrates  
RELG 263  (3)  Asian Philosophies  
RELG 302  (3)  The Comparative Philosophy of Religion  

Course Descriptions  

PHIL 115 – Fundamental Philosophical Questions (3)  
An introduction to philosophy through a study of great works in the western philosophical tradition. Emphasis will be placed on the cultivation of a philosophical attitude and the development of the art of conceptual analysis and synthesis. V.1
PHIL 119 – Logic (3)
An introduction to the basic rules of logic used to evaluate deductive and inductive arguments. Special emphasis on determining whether conclusions follow validly from given premises. Also an introduction to common logical fallacies. III.Q

PHIL 129 – Introduction to Political Philosophy (3)
An introduction to political philosophy and political theory. Possible figures to be covered include Plato, Aristotle, Rousseau, Smith, and Marx, as well as contemporary thinkers such as Jouvenel, Dahl, Arendt, Nussbaum, and Pitkin. *May be counted as an auxiliary course toward the minor in gender studies.* V.7

PHIL 209 – Philosophy and Literature (3)
An examination of the relationship between philosophy and literature, including reading classic and contemporary literary texts as philosophy and reading representative philosophical texts as literature. Commonalities and distinctions between these two modes of discourse, as well as their historical influence on one another, will be considered. Possible figures to be covered include Borges, Chesterton, Lessing, Voltaire, Montaigne, and Eliot. V.2

PHIL 224 – Ethics: Theories and Applications (3)
A critical study of the relationship between ethical theories and current practices and issues. Applications studied will vary year to year, but may include topics such as euthanasia, abortion, capital punishment, animal rights, and affirmative action. Possible figures to be covered include Aristotle, Mill, Kant, and Nietzsche. III.W, V.5

PHIL 231 – Philosophy of Science (3)
A study of the underlying theoretical foundations and assumptions of the institutions and practices of science. The course will take the form of a thematic and historical overview of various philosophies of science with an eye to better understand and discriminate about the science of our daily lives. Topics include questions regarding: scientific method, objectivity, truth, knowledge, substance, observation and perception, and reality. V.8a

PHIL 236 – Philosophy and the Arts (3)
An examination of the nature and purpose of the arts with special attention to the visual arts, music and literature. Controversies about the roles of the artist and viewer, the status of the art object, the significance of context, and the relationship of the arts to ethics and societal development will be explored. No specialized knowledge of the arts is required. V.6a

PHIL 244 – Special Topics in Philosophy (3)
A study of some significant topic in philosophy (e.g., philosophy of the mind, philosophy and film). *Topic for Fall 2013: "The Philosophical Foundations of Political Economy."* An examination of the philosophical foundations of political economy. Possible figures to be covered include Locke, Rousseau, Smith, Marx, Mill, Hayek, Harrington, Friedman, Galbraith, Jouvenel, and Nussbaum. This course is suitable for students with no background in philosophy and may be
repeated for credit when the course content changes. *May be counted toward the majors or minors in economics and government, and toward the major in international affairs.* V.7

**PHIL 261 – Directed Study (1, 2, 3)**

_Prerequisites: One PHIL course and permission of the instructor._ The study of introductory level material by an individual student or by a small group of students under the immediate supervision of a faculty member.

**PHIL 303 – War, Power, and Justice (3)**

_Prerequisite: PHIL 115 or PHIL 129._ An examination of the ways in which various political philosophers have analyzed the themes of war, power, and justice. Possible figures to be covered include Aristotle, Thucydides, Machiavelli, and Hobbes, as well as contemporary thinkers such as Morgenthau and Walzer. V.1, V.7

**PHIL 305 – Special Topics in Philosophy (3)**

_Prerequisite: One PHIL course._ A study of an advanced theme or topic in philosophy (e.g., phenomenology, contemporary epistemology) or of a historical period not typically covered by the department (e.g., Hellenistic philosophy, postmodernism). This course is intended for students with a background in philosophy and may be repeated for credit when the course content changes.

**PHIL 314 – Philosophy and the American Republic (3)**

_Prerequisite: PHIL 115 or PHIL 129._ An examination of the development of American political and philosophical thought from its origins in classical and modern philosophy to its 21st century guises. Possible figures to be covered include Locke, Montesquieu, Tocqueville, and various figures involved with the American Founding, as well as contemporary political theorists and philosophers such as Dworkin and Zuckert. V.1, V.7

**PHIL 315 – The Roots of Western Thought (3)**

_Prerequisite: One PHIL course._ An examination of fundamental figures in the western philosophical tradition, which begins in Greece. Possible figures to be covered include Homer, Plato, Xenophon, and Aristotle. V.1

**PHIL 331 – Medieval and Renaissance Philosophy (3)**

_Prerequisite: One PHIL course._ An examination of key thinkers in medieval philosophy and theology - including Islamic, Jewish, and Christian philosophers - as well as thinkers involved in the rise of humanism. Possible figures to be covered include Aquinas, Alfarabi, Averroes, Maimonides, Machiavelli, and Montaigne. V.1

**PHIL 342 – The Enlightenment and Its Critics (3)**

_Prerequisite: One PHIL course._ An examination of key assumptions of the Enlightenment, as well as various critiques of those assumptions. Possible figures to be covered include Descartes, Spinoza, Rousseau, Hume, Kant, Nietzsche, and Kierkegaard. V.1
PHIL 361 – Special Study (1, 2, 3)
Prerequisites: 100-level PHIL course and permission of the instructor. The study of an intermediate level topic by an individual student or by a small group of students under the immediate supervision of a faculty member.

PHIL 377 – Internship (1, 2, 3)
Prerequisites: Three credits in PHIL and permission of instructor and department chair. This course is graded P/CR/NC only.

PHIL 452 – Senior Seminar (3)
Prerequisites: Senior standing and permission of instructor. This course is a capstone and a workshop intended for senior philosophy majors. Emphasis will be placed on the close reading of a single author's work and the development of oral and written arguments. III.O, III.W

PHIL 461 – Independent Study (1, 2, 3)
Prerequisites: One 100-level PHIL course, one 200-level PHIL course, and permission of the instructor. Pursuit of an upper level research project determined in advance by the student in consultation with a faculty member who will act as the sponsor.

Physical Education, Athletics, and Recreation

At Sweet Briar College, athletics and physical education, and recreation are an important part of the education of the total student. Department faculty and staff are committed to enhancing the physical, mental and emotional well-being of all students as an integral part of their educational experience. The instructional program offers a wide range of activities allowing each student to develop skills and knowledge that will contribute to a healthy lifestyle. The intercollegiate athletics program provides opportunities for competitive excellence for students with advanced skills.

Through high-quality coaching, appropriate facilities and adequate funding, student-athletes are afforded the opportunity to succeed both as individuals and as team members. In accordance with NCAA Division III philosophy, athletics complements the educational experience and priority is placed on encouraging academic success. Adherence to NCAA rules and regulations regarding amateurism, ethical conduct, and sportsmanship is emphasized. The College is also committed to providing and maintaining facilities that support the recreational and fitness needs of members of the Sweet Briar community.

The Department of Physical Education and Athletics offers a wide variety of activities for students at all levels of ability. In addition to fielding seven varsity and two club intercollegiate sport teams, the department offers instructional courses in fitness, team and individual sports, and a variety of recreational activities.

Intercollegiate Sports
The College sponsors intercollegiate varsity teams in field hockey, lacrosse, soccer, softball, swimming, and tennis, as well as the club sports of fencing, tennis, and volleyball. The College supports qualified individuals and teams in state, regional, and national competition.
The College is a member of the National Collegiate Athletic Association, the Old Dominion Athletic Conference, the Middle Atlantic Tennis Association, Virginia Intercollegiate Soccer Association, Virginia Tennis Association, the United States Tennis Association, the Virginia Intercollegiate Women’s Lacrosse Coaches, the Virginia and United States Women’s Lacrosse Associations, the Southeast, National Field Hockey Coaches and United States Field Hockey Associations, the American Volleyball Coaches Association, Intercollegiate Tennis Coaches Association, the American Swimming Coaches Association, and the College Swimming Coaches Association of America.

Recreation
The College sponsors numerous extracurricular, educational, and recreational events. Recreational events are scheduled in volleyball, basketball, biking, tennis, softball, running, swimming, aerobics, tai-chi, kickboxing, and other sports activities.

Riding Program
See program description and course listing under Riding Program.

Sweet Briar Outdoor Program
The Sweet Briar Outdoor Program (SWEBOP) is coordinated through the Office of Co-Curricular Life and the Department of Physical Education, Athletics, and Recreation. A wide variety of outdoor activities are offered including: hiking, rock climbing, whitewater canoeing, rafting, kayaking, skiing, hang-gliding, biking, caving. These programs are offered to students of all skill levels.

Physical Examination
All students are required to have had a recent physical examination, with a copy of the report on file at the Health Center.

Graduate Study in Physical Education
Students who intend to complete the requirements for the liberal arts degree at Sweet Briar and then pursue graduate work in physical education should contact the department in the first year for guidance in planning their programs.

Activity Courses
Up to five credits in physical education activity courses and/or riding program activity courses may be applied toward the degree. Instruction is provided from the beginning level through the varsity level to accommodate students of varying abilities and experience. These courses are offered to fulfill the General Education Physical Activity Requirement (IV.3) and for students who elect to continue a physical education activity. If there are extenuating circumstances limiting a student’s ability to take classes which would normally count toward fulfilling the requirement, a modified program should be set up in consultation with the department chair and the College physician. Credit is given at the rate of 0.5 hours per quarter or 1 hour per semester. Courses are offered on a rotating basis and descriptions of current courses are available from the Physical Education Athletics and Recreation Department. Activity courses are offered on a P/CR/NC grading option only.

Fitness Activity Courses
PHED 113 Walking for Fitness
PHED 117 Weight Training I
PHED 127 Spinning
PHED 128 Personal Fitness
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>PHED 137</td>
<td>Recreational Activities for Fitness</td>
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<tr>
<td>PHED 217</td>
<td>Weight Training II</td>
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<tr>
<td>PHED 220</td>
<td>Advanced Personal Fitness</td>
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<td><strong>Aquatics</strong></td>
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<td>PHED 101</td>
<td>Beginning Swimming</td>
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<td>PHED 104</td>
<td>Swim for Fitness</td>
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<td>PHED 105</td>
<td>Aquatic Fitness Activities</td>
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<td>PHED 205</td>
<td>A.R.C. Lifeguard Training</td>
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<td><strong>Outdoor Education</strong></td>
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<tr>
<td>PHED 125</td>
<td>Hiking in the Blue Ridge</td>
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<td>PHED 129</td>
<td>Hiking the SBC Trails</td>
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<td>PHED 126</td>
<td>Introduction to Caving</td>
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<td><strong>General Activities</strong></td>
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<td>PHED 118</td>
<td>Rape Aggression Defense</td>
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<td>PHED 123</td>
<td>Relaxation and Stretching</td>
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<td><strong>Individual Sports</strong></td>
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<td>PHED 133</td>
<td>Introduction to Racquet Sports</td>
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<td>PHED 135</td>
<td>Beginning Badminton</td>
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<td>PHED 138</td>
<td>Fencing</td>
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<td>PHED 146</td>
<td>Beginning Tennis</td>
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<td>PHED 346</td>
<td>Intermediate Tennis</td>
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<td><strong>Team Sports</strong></td>
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<td>PHED 132</td>
<td>Softball Skills</td>
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<td>PHED 141</td>
<td>Field Hockey Skills</td>
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<td>PHED 142</td>
<td>Lacrosse Skills</td>
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<td>PHED 143</td>
<td>Flag Football</td>
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<td>PHED 150</td>
<td>Soccer Skills</td>
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<td>PHED 322</td>
<td>Club Running</td>
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<td>PHED 338</td>
<td>Club Fencing</td>
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<td>PHED 348</td>
<td>Club Volleyball</td>
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<td>PHED 401</td>
<td>Varsity Swimming Team</td>
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<td>PHED 432</td>
<td>Varsity Softball Team</td>
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<td>PHED 441</td>
<td>Varsity Hockey Team</td>
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<td>PHED 442</td>
<td>Varsity Lacrosse Team</td>
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<td>PHED 446</td>
<td>Varsity Tennis Team</td>
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<td>PHED 450</td>
<td>Varsity Soccer Team</td>
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<td><strong>Elective Courses</strong></td>
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<td>satisfy the General Education Physical Activity</td>
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<td>PHED 110</td>
<td>Strategies for Wellness: Stress Management for</td>
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<td>Women</td>
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<td>PHED 116</td>
<td>Introduction to Sport Psychology</td>
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<tr>
<td>PHED 120</td>
<td>Theories of Athletic Training</td>
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<tr>
<td>PHED 161</td>
<td>Special Study</td>
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PHED 110 – Strategies for Wellness: Stress Management for Women (1)
Students will learn principles of stress management, analyze factors contributing to personal stress, develop and implement strategies for stress management, and examine the implications for stress in individual wellness.

PHED 116 – Introduction to Sport Psychology (2)
The purpose of this course is to introduce the students to the field of sport psychology, specifically mental training principles and techniques that have been found to enhance competitive athletic performance. The students will be provided with lectures, written self-awareness exercises, and group discussions designed to develop the mental skills necessary to become effective athletes. Athletes of any level (recreational - competitive) will benefit from this course.

PHED 120 – Theories of Athletic Training (3)
This course is an introductory exploration in the field of athletic training. It will explore the evolution of athletic training as a defined discipline in the medical world, including discussions on the relationship of athletic training to other healthcare professions. This course will also include basic skills involved with the recognition, evaluation, treatment, and rehabilitation programs for common athletic injuries.

PHED 161 – Special Study (.5)
Prerequisite: Satisfactory completion of one course in the department in the activity desired. A student may propose a project for a term, to be supervised by a member of the department with the approval of the chair. Usually, the student does not repeat a special study within the same activity.

PHED 163 – Nutritional Challenges of the 21st Century (3)
We will examine different views on “healthy eating,” explore the relationship between diet and chronic disease, and discuss educational, biological, psychological, economic, and socio-cultural obstacles we face in attempting to meet our nutritional needs. Students will discuss and critique various theories on nutrition and research and make oral presentations on related topics. They will outline strategies for overcoming our nutritional challenges based on the information presented. III.O
PHED 164 – Holistic Nutrition and Exercise (1)
Students will learn principles of nutrition and exercise and examine their impact on individual wellness. They will implement a plan for improving their status in both areas. They will be introduced in class to a variety of exercise options using indoor and outdoor facilities on campus. They will participate in and keep a journal on exercise activities outside of class that will total at least 14 hours by the end of the semester. IV.3

PHED 179 – Introduction to Women’s Sport and Culture (3)
We will examine factors that shaped women’s intercollegiate, Olympic and professional sport in the twentieth century, including historical background, socio-political influences, media coverage, and medical implications of competition. Title IX and the effects of equity action on women in sport will be studied as well, and each student will analyze the impact of the legislation on her own sporting experience. III.O, V.5

PHED 221 – Advanced Personal Fitness Theory (.5)
Prerequisite: PHED 128; corequisite: PHED 220. This course is designed for students interested in understanding, designing, and participating in training programs to achieve higher levels of human performance through fitness and conditioning. Among topics to be covered are: goal setting and program design; methods of strength training; anatomy, flexibility, and injury prevention; nutrition and the female athlete triad; aerobic and anaerobic energy systems; and sport specific training.

PHED 361 – Special Study (1, 2, 3)
Prerequisites: 100-level PHED course and permission of the instructor. The study of an intermediate level topic by an individual student or by a small group of students under the immediate supervision of a faculty member.

PHED 377 – Internship (1, 2, 3)
Prerequisites: Three credits in PHED and permission of the instructor and department chair. This course is graded P/CR/NC only.

PHED 461 – Independent Study (1, 2, 3)
Prerequisites: One 100-level PHED course, one 200-level PHED course, and permission of the instructor. Pursuit of an upper level research project determined in advance by the student in consultation with a faculty member who will act as the sponsor.

Physics
Physics is the most fundamental of the sciences, underlying our understanding and knowledge of all areas of science and technology. The goal of physics is to discover comprehensive principles or laws of nature and to determine how they apply to a variety of systems, ranging from the nucleus of an atom to the universe itself. Physicists develop problem-solving skills that are
broadly applicable. At Sweet Briar, students may prepare for traditional careers in physics research or teaching, or they may apply their knowledge and skills to other fields such as engineering, medicine, law, and business. Training in physics also makes it possible to contribute to many of the social and environmental concerns of today.

The major in physics is based on coursework in mechanics, electromagnetic phenomena, thermodynamics, quantum mechanics, and relativity. Students’ degree options are the Bachelor of Arts or the Bachelor of Science degree in physics.

A minor in physics and a teacher licensure program are also offered. Students are also directed to the mathematics-physics interdepartmental major.

The Physics Major (B.A.)
(44 semester hours)

**Required:**
- MATH 123 (4) Calculus I
- MATH 124 (3) Calculus II
- MATH 223 (3) Calculus III
- MATH 328 (3) Ordinary Differential Equations
- PHYS 171 (4) General Physics I
- PHYS 172 (4) General Physics II
- PHYS 215 (1) Matlab Programming
- PHYS 221 (4) Electrical Circuits
- PHYS 233 (1) Intermediate Physics Laboratory
- PHYS 258 (3) Intermediate Physics Seminar

**Senior Exercise:**
- PHYS 321 (3) Advanced Physics Laboratory

**Choose 1 of the following courses:**
- CHEM 331 (3) Physical Chemistry: Quantum Mechanics and Spectroscopy
- PHYS 202 (3) Twentieth-Century Physics

**Choose 8 additional semester hours** of physics courses at the 200-level or above. Three or four semester hours may be satisfied by CHEM 332 or a course in engineering at the 200-level or above, excluding ENGR 230 and ENGR 232.

**NOTES:** CHEM 332 and PHYS 327 cannot both be counted toward the major.

In addition to all other degree requirements, students must have a 2.0 GPA in all physics courses in order to graduate with this major.
The Physics Major (B.S.)
(60 semester hours)

Required:
CHEM 131 (4) General Chemistry
CHEM 141 (1) General Chemistry Laboratory
CHEM 252 (4) Introduction to Quantitative and Inorganic Chemistry
CHEM 253 (1) Introduction to Quantitative and Inorganic Chemistry Laboratory
MATH 123 (4) Calculus I
MATH 124 (3) Calculus II
MATH 223 (3) Calculus III
MATH 328 (3) Ordinary Differential Equations
PHYS 171 (4) General Physics I
PHYS 172 (4) General Physics II
PHYS 215 (1) Matlab Programming
PHYS 221 (4) Electrical Circuits
PHYS 233 (1) Intermediate Physics Laboratory
PHYS 258 (3) Intermediate Physics Seminar
PHYS 351 (2) Research in Physics

Senior Exercise:
PHYS 321 (3) Advanced Physics Laboratory

Choose 1 of the following courses:
CHEM 331 (3) Physical Chemistry: Quantum Mechanics and Spectroscopy
PHYS 202 (3) Twentieth-Century Physics

Choose 2 of the following courses:
PHYS 301 (3) Classical Mechanics
PHYS 302 (3) Electromagnetic Theory
PHYS 313 (3) Quantum Mechanics
PHYS 327 (3) Thermodynamics and Statistical Mechanics

Choose 6 additional semester hours of physics courses at the 200-level or above. Three or four semester hours may be satisfied by CHEM 332 or a course in engineering at the 200-level or above, excluding ENGR 230 and ENGR 232.

NOTES: CHEM 332 and PHYS 327 cannot both be counted toward the major.

In addition to all other degree requirements, students must have a 2.0 GPA in all physics courses in order to graduate with this major.
The Physics Minor
(21 semester hours)

Required:
PHYS 171 (4) General Physics I
PHYS 172 (4) General Physics II
PHYS 233 (1) Intermediate Physics Laboratory
PHYS 258 (3) Intermediate Physics Seminar

Choose 1 of the following courses:
CHEM 331 (3) Physical Chemistry: Quantum Mechanics and Spectroscopy
PHYS 202 (3) Twentieth-Century Physics

Choose 6 additional credits in physics courses numbered 210 or above.

Teacher Licensure
(61 semester hours)

Required:
1. A bachelor of arts or science degree in physics or a bachelor of science degree in mathematics-physics
2. A minimum of 16 credit hours in non-physics courses which must include at least three credits in chemistry, at least three credits in biology, and at least three credits in earth science
Students who seek endorsement in more than one area of science need to complete an additional 18 credit hours in the second field which must include any specific requirements in that field.

Course Descriptions

PHYS 103 – Physical Science by Inquiry (4)
Prerequisite: Priority given to declared majors in Liberal Studies. Not open to first-year students.
An examination of fundamental physical science concepts through hands-on, inquiry-based explorations. Using appropriate tools and equipment, students build an understanding of energy sources, chemical and physical change, electricity, and magnetism. Students also gain experience in independent investigation and the development and implementation of their own exercises and experiments. Six hours of lecture/laboratory per week. V.8ab

PHYS 113 – Astronomy for the Liberal Arts (3)
An introduction to the study of the universe, including basic elements of astronomy and topics of current interest; the solar system, search for extraterrestrial life, black holes, and cosmology.
Three hours lecture and some evening observation sessions. III.Q, V.8a

PHYS 114 – Astronomy for the Liberal Arts Laboratory (1)
Prerequisite or co-requisite: PHYS 113. Activities in astronomy including descriptive and quantitative analyses of stellar spectra, planetary orbits, lunar/planetary photographs, supernova light curves, quasars, the expansion of the universe, and computer simulations of
various astronomical phenomena. Some evening observing exercises. One three-hour laboratory. III.Q, V.8b

PHYS 131 – Introductory Physics Laboratory I (1)
Prerequisite or co-requisite: PHYS 171. Experiments in mechanics. One three-hour laboratory. III.Q, V.8b

PHYS 171 – General Physics I (4)
Prerequisite or co-requisite: MATH 123 or MATH 124. A study of Newton’s Laws, the conservation laws of classical mechanics and their application to physical systems, and wave motion. Three hours lecture and one three-hour laboratory. III.Q, V.8ab

PHYS 172 – General Physics II (4)
Prerequisite: PHYS 171. Prerequisite or co-requisite: MATH 124. A study of electricity, magnetism, circuits, electromagnetic waves, and optics. III.Q, V.8a

PHYS 202 – Twentieth-Century Physics (3)
Prerequisite: PHYS 240. Prerequisite or co-requisite: MATH 328. An introduction to the special theory of relativity and quantum phenomena. Topics include the Bohr atom, the wave function, electron spin, Pauli Principle, quantum statistics, and atomic structure. Four hours lecture.

PHYS 210 – Introductory Astronomy and Astrophysics (3)
Prerequisite: PHYS 172; co-requisite: MATH 223. An introduction to topics in planetary physics; stellar, galactic, and extragalactic astronomy and astrophysics; and cosmology. Offered alternate years.

PHYS 215 – Matlab Programming (1)
Prerequisite: PHYS 171. Prerequisite or co-requisite: MATH 328. This course will introduce students to Matlab programming through applications to computational problems in mathematics, physics, and engineering.

PHYS 221 – Electrical Circuits (4)
Prerequisites: PHYS 132 and PHYS 172. This course introduces the fundamental principles and the mathematical techniques used to analyze and model analog and digital circuits including energy storage elements. Course topics include resistive circuits, alternating current circuits, transient analysis, operational amplifier circuits, transistors, diodes, digital systems, and instrumentation. Three hours of lecture and one three-hour laboratory. Same as ENGR 221.

PHYS 233 – Intermediate Physics Laboratory (1)
Prerequisites: PHYS 132 and PHYS 172. Selected experiments in classical physics and electrical circuits. Analysis and treatment of uncertainty and error. One three-hour laboratory. III.Q, V.8b
PHYS 240 – Optics (3)
Prerequisite: PHYS 172. This course will focus on topics of physical optics with some review of geometrical optics. Topics covered will include optical instrumentation, interference of light, optical interferometry, diffraction, fiber optics, lasers, and nonlinear optics. Offered alternate years.

PHYS 258 – Intermediate Physics Seminary (3)
Prerequisite: PHYS 172. Prerequisite or co-requisite: MATH 223. This course focuses on topics in classical physics at the intermediate level with an emphasis on developing students' problem-solving skills. Students will work individually and collaboratively on problems and present solutions that are critiqued in class. Topics include mechanics, electromagnetism, waves, optics, and thermodynamics.

PHYS 261 – Directed Study (1, 2, 3)
Prerequisites: One PHYS course and permission of the instructor. The study of introductory level material by an individual student or by a small group of students under the immediate supervision of a faculty member.

PHYS 301 – Classical Mechanics (3)
Prerequisites: PHYS 172 and MATH 328. Classical mechanics, Lagrangian and Hamiltonian functions. Central force problems. Offered alternate years.

PHYS 302 – Electromagnetic Theory (3)
Prerequisites: PHYS 172, MATH 328, and MATH 336. Maxwell's Equations, electromagnetic waves, and material media. Offered alternate years.

PHYS 313 – Quantum Mechanics (3)
Prerequisite: CHEM 331 or PHYS 202. Quantum mechanics, solutions of Schrodinger's Equation, operator formalism, angular momentum, and perturbation theory. Offered alternate years.

PHYS 321 – Advanced Physics Laboratory (3)
Prerequisite: PHYS 233. Prerequisite or co-requisite: CHEM 331 or PHYS 202. Advanced experiments in classical and modern physics including the determination of the fundamental physical constants: G, h, c, e, and μ°. This course may be repeated for up to a total of 3 credits. One or two 2-3 hour laboratory periods. III.O, III.W

PHYS 337 – Special Topics (1, 2, 3)
Prerequisite: Permission of the instructor. The study of an advanced topic not normally covered in other physics courses.
PHYS 351 – Research in Physics (1, 2)
Prerequisite: Permission of the instructor. Students engage in ongoing faculty research in, for example, radio astronomy, laser physics, or materials science. Credit may be given for off-campus research projects.

PHYS 361 – Special Study (1, 2, 3)
Prerequisites: 100-level PHYS course and permission of the instructor. The study of an intermediate level topic by an individual student or by a small group of students under the immediate supervision of a faculty member.

PHYS 377 – Internship (1, 2, 3)
Prerequisites: Three credits in PHYS and permission of the instructor and department chair. This course is graded P/CR/NC only.

PHYS 461 – Independent Study (1, 2, 3)
Prerequisites: One 100-level PHYS course, one 200-level PHYS course, and permission of the instructor. Pursuit of an upper level research project determined in advance by the student in consultation with a faculty member who will act as the sponsor.

Psychology
The Psychology Department at Sweet Briar offers a plan of study which addresses mind and behavior from a scientific perspective. The subject matter of psychology spans both the biological and the social sciences. The department offers courses in major sub-disciplines of this broad field, and encourages the student to develop her scientific skills in the context of a liberal arts education. A student who elects psychology as her major subject may earn either the Bachelor of Arts or the Bachelor of Science degree. The Bachelor of Science degree is recommended for students planning graduate study in psychology.

The Psychology Major (B.A.)
(38 semester hours)

Required:
PSYC 101 (3) Introductory Psychology
PSYC 219 (4) Statistics for Behavioral Sciences
PSYC 310 (4) Experimental Psychology

Senior Exercise:
PSYC 452 (2) Senior Seminar

Choose at least 4 credits of science other than psychology; at least 1 semester hour must be a laboratory in a science other than psychology.

Choose 21 additional credits of psychology courses at the 200-level or above excluding special
studies (PSYC 361), internships (PSYC 377), and independent studies (PSYC 461). BIOL 222, Animal Behavior may also be counted toward the major.

**NOTE:** In addition to PSYC 452, students must take at least two courses at the 400-level, one of which must be taken during her final year at Sweet Briar.

**The Psychology Major (B.S.)**  
(51-53 semester hours)

**Required:**
- PSYC 101 (3) Introductory Psychology
- PSYC 219 (4) Statistics for Behavioral Sciences
- PSYC 310 (4) Experimental Psychology
- PSYC 315 (3) Research in Psychology

**Senior Exercise:**
- PSYC 452 (2) Senior Seminar

**Choose 3 courses from the following:**
- PSYC 231 (4) Animal Learning
- PSYC 238 (3) Evolutionary Psychology
- PSYC 251 (3) Introduction to Behavioral Neuroscience
- PSYC 328 (3) Human Neuropsychology
- PSYC 408 (3) Sensation and Perception
- PSYC 425 (3) Cognition

**Choose 2 courses from the following:**
- CSCI 188 (4) Java Programming I
- MATH 113 (3) Precalculus
- MATH 123 (4) Calculus I
- MATH 124 (3) Calculus II

**Choose 7 credits** of science other than psychology. These 7 hours must include at least a 1 semester hour laboratory.

**And choose 12 additional credits** of psychology courses at the 200-level or above excluding special studies (PSYC 361), internships (PSYC 377), and independent studies (PSYC 461). BIOL 222, Animal Behavior may also be counted toward the major.

**Note:** In addition to PSYC 452, students must take at least two courses at the 400-level, one of which must be taken during her final year at Sweet Briar.
The Psychology Minor
(18 semester hours)

Required:
PSYC 101 (3) Introductory Psychology

Choose 15 additional credits of psychology courses at the 200-level or above of which 2 courses must be at the 300-level or above excluding PSYC 315, PSYC 341, PSYC 361, PSYC 377. BIOL 222, Animal Behavior may also be counted toward the minor.

Course Descriptions

PSYC 101 – Introductory Psychology (3)
An introduction to the principles and methods of psychology. This course provides a general background and is a prerequisite to all other psychology courses. V.8a

PSYC 201 – Developmental Psychology: Infancy and Childhood (3)
Prerequisite: PSYC 101. The study of human cognitive, psychosocial, and physical development from conception through childhood.

PSYC 203 – Field Experience in Child Development I (0)
Prerequisites: PSYC 201 and permission of the instructor. Students will undertake supervised field experience through a partnership with the area Big Brothers/Big sisters Program that will take place on site at Amherst County elementary schools. The experience is designed to provide a sample of the type of activities in which child developmentalists and other human service professionals are engaged. It is not intended to develop competence to the level of a beginning practitioner. This course is graded on a P/CR/NC grading option only.

PSYC 204 – Field Experience in Child Development II (.5)
Prerequisites: PSYC 201, PSYC 203 and permission of the instructor. Students will undertake supervised field experience through a partnership with the area Big Brothers/Big sisters Program that will take place on site at Amherst County elementary schools. The experience is designed to provide a sample of the type of activities in which child developmentalists and other human service professionals are engaged. It is not intended to develop competence to the level of a beginning practitioner. This course is graded on a P/CR/NC grading option only.

PSYC 219 – Statistics for Behavioral Sciences (4)
Prerequisite: PSYC 101. An introduction to those descriptive and inferential statistics most often used in psychological research. Topics include probability, standard normal distribution, measures of central tendency and variability, sampling, correlation, and both parametric and non-parametric tests of significance. This course includes a weekly three-hour laboratory session. III.Q
PSYC 222 – Social Psychology (3)
Prerequisite: PSYC 101. A study of the individual in a social context. Topics will include conformity, persuasion, altruism, prejudice, and social cognition. May be counted as an auxiliary course toward the minor in gender studies. III.W

PSYC 231 – Animal Learning (4)
Prerequisites: PSYC 101 and permission of the instructor. An overview and critical analysis of current learning theory. Particular emphasis given to animal investigations of Pavlovian and instrumental conditioning. Three hours lecture or discussion and three hours laboratory work with animals.

PSYC 237 – Organizational Psychology (3)
Prerequisite: PSYC 101. Organizational psychology uses scientifically-based psychological principles and research methods to study topics important to understanding human behavior in industry, business, and organizations. In this course students will become familiar with the interface between psychology and business; have practice at creating solutions for problems found in organizations; and be able to identify and interpret resources related to this sub-discipline. Offered alternate years.

PSYC 238 – Evolutionary Psychology (3)
Prerequisite: PSYC 101. Principles from evolutionary biology are applied to the study of human behavior and the structure of the human mind. The survival, social and reproductive challenges our ancestors faced are reviewed, as are the psychological adaptations that evolved as a consequence. Topics include sex differences in mating strategies, parenting and kinship, and the adaptive value and/or consequences of selfishness and altruism. Offered alternate years.

PSYC 246 – Drugs, the Brain, and Behavior (3)
Prerequisite: PSYC 101. This course will survey the mechanisms of action, behavioral effects, and side effects of psychoactive drugs. As various types of drugs are discussed (e.g. stimulants, depressants, hallucinogens, anti-depressants, anti-schizophrenics, anti-Parkinson drugs), relevant details of synaptic functions and transmitter pathways will be highlighted to provide an integrated view of drug mechanisms and the neurochemical basis of psychiatric disorders and substance abuse. Offered alternate years.

PSYC 251 – Introduction to Behavioral Neuroscience (3)
Prerequisite: PSYC 101. A study of the physiological mechanisms underlying behavior including neural and chemical substrates of behavior and the organization of the nervous system.

PSYC 257 – Special Topics in Psychology (3)
Prerequisite: PSYC 101. Current issues in experimental and applied psychology. Emphasis is placed on reading an evaluation of psychological research. Topics will vary each semester. This course may be repeated once for credit toward the major.
PSYC 261 – Directed Study (1, 2, 3)
Prerequisites: One PSYC course and permission of the instructor. The study of introductory level material by an individual student or by a small group of students under the immediate supervision of a faculty member.

PSYC 302 – Developmental Psychology II: Adolescence and Adulthood (3)
Prerequisites: PSYC 101 and a 200-level PSYC course. Survey of contemporary theories and research in the psychology of adolescence, adulthood, and aging. Topics will include physical, social, and personality development as well as concepts of identity formation, deviant behavior, and the adjustments to major life transitions and changing social roles. III.O, V.5

PSYC 309 – Counseling Skills (3)
Prerequisites: PSYC 101, junior standing, and permission of the instructor. Survey of clinical/counseling psychology as a science and profession. Current psychological treatment approaches, assessment techniques, research strategies, and their empirical/theoretical foundations. In addition to classroom discussions and workshops, students will volunteer 3-5 hours per week at local mental health organizations. Experiences will be integrated into the course and provide unique practical experiences working in the discipline.

PSYC 310 – Experimental Psychology (4)
Prerequisites: PSYC 101 and PSYC 219. A study of experimental methodology, design, and data analysis in selected areas. Three hours lecture and discussion and three hours laboratory. III.O, III.W

PSYC 315 – Research in Psychology (3)
Prerequisites: PSYC 219, PSYC 310, and permission of the instructor. An overview of statistics and psychological research methods, focused literature review, with emphasis on the design and execution of an independent research project. Students will disseminate their work through a research paper conforming to APA standards and through a public presentation of their research. This course is a prerequisite to PSYC 461, Independent Study. Two hours class meeting plus weekly individual tutorials.

PSYC 317 – Personality (3)
Prerequisites: PSYC 101 and a 200-level PSYC course. A survey and comparative analysis of theories and contemporary research on personality.

PSYC 321 – Research Practicum (2)
Prerequisite: Permission of the instructor. Directed experience in empirical psychological research. laboratory and field work on different research projects conducted by faculty members. Graded satisfactory/unsatisfactory.

PSYC 324 – Behavioral Medicine Seminar (3)
Prerequisites: PSYC 101 and a 200-level PSYC course. An exploration of how behavior—thoughts, feelings, and actions—affect physical health and illness. In this seminar we will read
and discuss research and clinical applications. for example, we will look beyond the arguably trite admonition “think positive” to the neuropsychological mechanism whereby positive affect influences cognition and health. offered alternate years. III.O

PSYC 328 – Human Neuropsychology (3)
Prerequisites: PSYC 101 and PSYC 251. Selected topics in neuropsychology and treatment. Using a case study approach, we will examine general principles of brain organization; neuropsychological assessment; sensory, perceptual, and motor disorders; and the effects of brain abnormalities on the higher cortical processes of memory, language, emotion, and problem solving. offered alternate years.

PSYC 334 – Animal Minds (3)
Prerequisites: PSYC 101, and either a 200-level PSYC course or BIOL 222. Seminar exploring current research in the field of cognitive ethology, looking at perceptual, memory, thought, and emotional processes of animals in their ecological context and entertaining questions about animal consciousness and intentionality. Selected readings from animal cognition, behavioral ecology, and cognitive neuroscience will be discussed. offered alternate years. III.O

PSYC 341 – Special Topics in Psychology (3)
Prerequisites: PSYC 101 and a 200-level psychology course. Current issues in experimental and applied psychology. Emphasis is placed on reading and evaluation of psychological research. topics vary each semester. This course may be repeated once for credit towards the major.

PSYC 345 – Forensic Psychology (3)
Prerequisite: One PSYC course at the 200-level or above. This course will examine the intersection of psychology and law including the moral and ethical dilemmas faced by mental health professionals working in the legal system. Topics will include eyewitness testimony, the evaluation of criminal suspects, jury selection/nullification strategies, and the role that psychological evaluations plays in the criminal and family courtroom. Not open to students who already have credit for this course taken as PSYC 341. offered alternate years.

PSYC 355 – Neuroscience of Learning and Memory (3)
Prerequisite: A 200-level course in BIOL or PSYC. This course covers the psychological and biological bases of learning and memory. Topics range from the cellular changes that underlie species general learning to the brain areas and systems relevant to conscious recollection. Memory processes in humans, rats, sea slugs, and computers are examined in order to better understand the structure of an adaptive mind. offered alternate years.

PSYC 359 – Self and Identity (3)
Prerequisite: One PSYC course at the 200-level. This seminar covers both classic and contemporary research on the nature of selfhood. Topics will include defining and making sense of the self (including sources, accuracy, and development of self-knowledge at the individual, relational, and collective levels); evaluating and protecting the self (including self-esteem, self-
presentation, and contending with identity threats); and the active regulation of the self (self-control).

**PSYC 361 – Special Study (1, 2, 3)**
*Prerequisites: 100-level PSYC course and permission of the instructor.* The study of an intermediate level topic by an individual student or by a small group of students under the immediate supervision of a faculty member.

**PSYC 377 – Internship (1, 2, 3)**
*Prerequisites: Three credits in PSYC and permission of the instructor and department chair.* This course is graded P/CR/NC only.

**PSYC 403 – Abnormal Psychology (3)**
*Prerequisites: PSYC 101 and a 300-level PSYC course.* An experimental-clinical approach to behavior disorders including an overview and critical appraisal of current theories regarding the etiology and treatment of behavior disorders.

**PSYC 408 – Sensation and Perception (3)**
*Prerequisites: PSYC 101 and a 300-level PSYC course.* The study of sensory processes, the function and role of the senses, particularly vision and audition, and the organization of sensory data into meaningful perception.

**PSYC 411 – Introduction to Family Systems Theory (3)**
*Prerequisite: PSYC 310; PSYC 309 is strongly encouraged.* An overview of the fundamental assumptions of General Systems Theory and the basic theoretical orientations within family therapy. The influence of gender, culture, developmental status, divorce, and abuse on the working dynamics of the family will be examined. Various structural and analytical systems such as Bowenian Systems techniques will be explored using a case study approach. Offered alternate years.

**PSYC 419 – Psychology of (In)justice (3)**
*Prerequisite: One 300-level PSYC course.* This upper-level seminar covers psychological research relating to justice and injustice. All major sub-disciplines of psychology (cognitive, social, developmental, clinical, neuroscience, etc.) have research-based insights to offer. Our goal will be to synthesize the material through a close study of primary sources in all of these sub-disciplines and integrative reviews that connect them. We will focus closely on applications of basic psychological science (paying special attention, for example, to how psychological research informs the justice system) as well as on emerging issues (for example, the controversy over recent advances in lie detection via brain scanning). Offered alternate years.

**PSYC 425 – Cognition (3)**
*Prerequisites: PSYC 101 and a 300-level PSYC course.* An examination of theory and research concerning thinking. Topics will include reasoning, problem solving, imagery, and language. Offered alternate years.
PSYC 432 – Psychological Tests and Measurements (4)
Prerequisites: PSYC 310, junior or senior standing, and permission of the instructor. A survey of the current and historical psychometric principles and strategies used to assess individual and group differences. The application and administration of widely-used tests are examined, and general problems of measurement are discussed. Laboratory work will focus on the administration, scoring and interpretation of tests that are typically used in a standard assessment battery. Offered alternate years.

PSYC 452 – Senior Seminar (2)
Prerequisite: PSYC majors with senior standing. A review and synthesis of major questions, issues, and methods of psychology. III.O

PSYC 461 – Independent Study (1, 2, 3)
Prerequisites or co-requisites: PSYC 219, PSYC 310, and PSYC 315, and permission of the instructor. Pursuit of an upper level research project determined in advance by the student in consultation with a faculty member who will act as the sponsor.

Riding Program
The Sweet Briar College Riding Program is focused on the development of active and responsible women utilizing interactions with horses and horse sports and recreational activities in a strong instructional program as the medium.

This is accomplished by providing students opportunities to:

a) develop skills in self-expression, self-discipline, and the self-confidence necessary to assume leadership roles
b) interact with and learn from humans and equines of diverse backgrounds and abilities, thus encouraging a sensitivity to others
c) understand their responsibility for their own learning which will enable them to be successful learners long after leaving Sweet Briar.
d) increase their skill, understanding, and fitness for equestrian pursuits, and ultimately, their own physical well-being
e) gain a sense of perspective regarding competition and understand the many definitions of “winning”
f) explore and gain an appreciation of the historical development of equestrian sport and its impact on art, literature, and society through the years
g) apply their accomplishments and experiences to a variety of outcomes including obtaining a job, gaining acceptance into a postgraduate program, competitive success as an exhibitor, development of a lifetime recreational activity, and appreciation of horses and horse sports from the perspective of an educated audience.

The depth of the program’s impact on an individual is somewhat a reflection of her degree of involvement with the program. There is an additional horse use fee for the mounted courses (see College Fees). There is no additional charge for coaching at competitions/activities or the lecture courses.
Competition
There are three riding team opportunities: Spring Hunter Show Team which focuses on state and AHSA competitions as well as ANRC Intercollegiate Championships; fall and spring term Club IHSA Team; and Fall Field Riding Team which focuses on Hunter Trials, Hunter Pace events, and riding to hounds. In addition, a fall and spring term independent competitor’s calendar in hunter/jumper and equitation divisions as well as Fall Hunter Paces and Hunter Trials is available to those students whose other responsibilities do not allow a team commitment or to those students not selected for a team. The College Riding Program is a member of the Virginia Horse Show Association (VHSA), the Intercollegiate Horse Show Association (IHSA), the Affiliated National Riding Committee (ANRC, and the American Horse Show Association (AHSA). The Riding Program sponsors a number of competitive opportunities for riders of all levels such as “Fun Shows,” intercollegiate competitions, and AHSA competitions in the hunter/jumper and equitation divisions, including the United States Equestrian Team Talent Search Medal Class.

Concentrations
The instructional program offers a management concentration and a teaching and schooling concentration for students interested in a career in the equine industry and for the student/amateur who would enjoy expanding her knowledge and experience in these areas. In conjunction with the concentrations, a range of potential internships have been developed including veterinary medicine in clinical and research settings, manufacturing, marketing, and museum curating, as well as others within the diverse aspects of the horse industry.

The College does not offer a major or minor in equestrian studies, but it does offer a certificate in Equine Studies. The vast majority of courses offered by the Riding Program, other than those taken to fulfill the physical activity requirement, will not count toward graduation requirements. However, all courses taken will be recorded on the transcript and will indicate the development of a good general background, as well as some specialization on an advanced level. If you are considering pursuing employment in this field, a Sweet Briar College liberal arts degree, an official transcript listing courses and internships successfully completed in the Riding Program, and a personal letter from the Director of the Riding Program will be most valuable in securing a good employment opportunity.

Recreation
The program sponsors informal, organized, and educational recreational activities throughout the year. These opportunities include trail riding independently seven days a week, guided trail rides at least several times a week, independent riding seven days a week in outdoor rings or indoors with music. Field trips, Fun Shows and organized games such as an Easter egg hunt are also offered.

Leadership
The program has a range of leadership opportunities that include the Riding Program Advisory Committee, the Student Riding Council, student teacher program, trail guides, and activity management positions such as horse show coordinator. There are also internships, externships, and other employment opportunities such as weekend stable worker, head of tack, and office assistants.

Riding Program Courses
There is an additional fee for riding (see College Fees).

Instruction is provided for the beginning level through advanced levels, including schooling and
AHSA hunter, jumper and equitation levels to accommodate students of varying abilities and experience. These courses are offered to fulfill the General Education Physical Activity requirement (IV.3) and a maximum of five credits in physical education activity courses and/or Riding Program activity courses may be applied toward the degree. Beyond this, students who elect to continue a riding education should register each semester for a course which meets their interests and goals. A minimum of two instructional sessions per week, as well as theory/written work, is required for the successful completion of a course. Credit is given at the rate of 0.5 credits per quarter or 1 credit per semester. In addition, several special courses are offered for full academic credit. Courses are offered on a rotating basis. Please consult the Riding Program Handbook for descriptions of current courses, the five-year schedule of course offerings, and for other information about the program.

Activity courses are graded on a P/CR/NC grading option only.

RDPR 162 Pre-position
RDPR 163 Position
RDPR 164 Advanced Position
RDPR 167 Independent Riders w/Hacking I
RDPR 171 Position and Control I
RDPR 172 Position with Hacking
RDPR 173 Competitive Trail Riding
RDPR 175 Position with Introduction to Jumping
RDPR 181 Position and Control II
RDPR 185 Jumping Fundamentals I
RDPR 186 Jumping Fundamentals II
RDPR 188 Riding Problems
RDPR 190 Introduction to Field Riding and Hacking
RDPR 196 Introduction to Riding Courses I
RDPR 197 Introduction to Riding Courses II
RDPR 198 Introduction to Natural Horsemanship
RDPR 281 Introduction to Showing Hunters I
RDPR 285 Introduction to Field Riding and Jumping
RDPR 286 Riding Courses I
RDPR 288 Dressage Sportif
RDPR 290 Prix Caprilli
RDPR 291 Introduction to Schooling Horses
RDPR 294 Introduction to Schooling and Competing with Jumpers
RDPR 296 Introduction to Competing Jumpers
RDPR 371 ANRC Levels Prep and Performance
RDPR 381 Showing Hunters I
RDPR 382 Showing Hunters II
RDPR 385 Fall Field Riding Team
RDPR 391 Schooling Young and Problem Horses I
RDPR 393 Schooling Young and Problem Horses II
RDPR 394 Schooling and Competing with Jumpers I
RDPR 398 Show Team

Non-Credit Courses
The department offers non-activity courses and seminars in special topics relating to the Riding Program. These courses meet once per week and, in addition, include readings, laboratory assignments, and a field trip or special project. These courses will be listed on the transcript but
will not be counted for credit or toward satisfying the General Education Physical Activity Requirement.

**Elective Courses**
These courses are graded and count toward the hours required for graduation, but as non-activity courses, they do not satisfy the General Education Physical Activity Requirement.

- RDPR 161 Special Study
- RDPR 295 Teaching Techniques for Student Teachers
- RDPR 361 Special Study
- RDPR 377 Internship
- RDPR 390 Farm and Stable Management
- RDPR 392 Theory and Practice of Schooling Horses
- RDPR 396 Contemporary Riding and Teaching
- RDPR 461 Independent Study

**Course Descriptions**

**RDPR 161 – Special Study (3)**
*Prerequisite: Satisfactory completion of one course in the riding program.* A student may propose a project for a term to be supervised by a member of the riding program with the approval of the director.

**RDPR 207 – Equine Activities Management Class (2)**
This course will include lectures, training, and hands-on experience in planning and running competitions. Budgeting, planning, course design, announcing, the role of the secretary, and the details required to run a successful competition will be covered. Each student will participate in the hands-on running of at least one activity during the semester.

**RDPR 218 – Horse Care and Stable Management Practicum (2)**
*Prerequisite: RDPR 169.* This course is for students who have passed or have been exempted from RDPR 169. This horse care and management practicum will provide students additional lectures and further hands-on experience in some of the more advanced horse care and management skills. This class will cover items such as lunging, leg wrapping, stall cleaning, body clipping, tack cleaning, first aid, cold water therapy, photonic therapy, and magnetic therapy.

**RDPR 295 – Teaching Techniques for Student Teachers (1)**
*Prerequisite: Permission of the instructor.* This course is designed to develop an understanding of the safety issues, horse selection requirements, lesson planning skills, and riding theory necessary to become a successful teacher of riding. Topics include: assessing the riding environment, goal setting, active listening, effective communication, and developing observation
skills. Students will work with a supervising instructor to gain practical teaching experience in addition to the lecture/discussion portion of the course.

**RDPR 297 – Student Assistant Practicum (0)**  
*Prerequisite: RDPR 295.* A teaching practicum for students who have taken and passed RDPR 295. Students will observe and assist instructors in teaching riders of various levels. Some work will be done independently by qualified students under the guidance of riding faculty.

**RDPR 361 – Special Study (1, 2, 3)**  
*Prerequisites: 100-level RDPR course and permission of the instructor.* The study of an intermediate level topic by an individual student or by a small group of students under the immediate supervision of a faculty member.

**RDPR 377 – Internship (1, 2, 3)**  
*Prerequisites: Three credits in RDPR and permission of the instructor and department chair.* This course is graded P/CR/NC only.

**RDPR 390 – Farm and Stable Management (2)**  
*Prerequisites: BUSN 127, BUSN 131, BUSN 150, ECON 101, and RDPR 169.* An analysis of the management components of operating a successful for-profit equine operation. Areas to be studied: employee/independent contractors laws and taxation, risk management, equine health care, marketing, budgeting, and long-range financial planning. Each student will develop a detailed plan for the staffing, management, equine health care, and budgeting of a specific facility. Professionals in the equine industry will be brought in to discuss specific aspects of farm and stable management.

**RDPR 392 – Theory and Practice of Schooling Horses (3)**  
*Prerequisites: Completion on at least one 200-level riding course and permission of the instructor.* A survey of the development of major riding and schooling theories in Western civilization from the Renaissance to the present and an actual schooling experience. Three hours lecture and discussion, three hours mounted instruction, and at least four hours independent mounted work with a schooling project. Offered alternate years.

**RDPR 396 – Contemporary Riding and Teaching (3)**  
*Prerequisites: Completion of at least one 200-level riding course and permission of the instructor.* The study and practice of riding and teaching within a modern system of riding. Mounted instruction, lectures, and practice teaching. Offered alternate years.

**RDPR 461 – Independent Study (1, 2, 3)**  
*Prerequisites: One 100-level RDPR course, one 200-level RDPR course, and permission of the instructor.* Pursuit of an upper level research project determined in advance by the student in consultation with a faculty member who will act as the sponsor.
Religion
The study of religion introduces students to the major religious traditions of the world and their impact on human culture. Courses focus on both the methodologies of religious studies and the literature and practices of diverse religious communities. In addition to their specific content, these courses develop an appreciation for the religious point of view and prepare one to live in a religiously pluralistic society. Most courses take an historical approach to the human religious experience, and all employ the critical skills of analysis common to contemporary scholarship in the humanities and social sciences. Graduates of the department have gone into many different career fields as well as into advanced or professional study of religion.

The Religion Major
(33 semester hours)

Required:
RELG 111 (3) Good and Evil
RELG 177 (3) Introduction to the Study of Religion
RELG 178 (3) Introduction to World Religions
RELG 451 (3) Research Seminar in the Study of Religion

Senior Exercise:
RELG 452 (3) Senior Seminar

Choose 1 of the following courses:
RELG 236 (3) Multicultural Religious America
RELG 241 (3) Judaism
RELG 244 (3) Christianity
RELG 255 (3) Islam

Choose 1 of the following courses:
RELG 221 (3) Hindus, Jainas, and Sikhs
RELG 222 (3) Buddhism
RELG 231 (3) Daoism
RELG 248 (3) Religions of Africa
RELG 263 (3) Asian Philosophies

Choose 4 additional three-credit courses in religion or from the approved courses listed below.
Two of these courses must be at or above the 300-level.
ANTH 328 (3) Ritual and Worldview
ARTH 235 (3) Early Medieval Art
ARTH 237 (3) Asian Art
CLAS 201 (3) Classical Mythology
INTD 109 (3) The Religion of Socrates
PHIL 224 (3) Ethics: Theories and Applications
SOCI 260 (3) Sociology of Religion

Recommended: The following courses are recommended to all majors and especially to those
who are planning to study in Europe or in Asia.

ASIA 235  (3)  Asian Civilizations I
ASIA 236  (3)  Asian Civilizations II

The Religion Minor
(18 semester hours)

Choose 1 of the following courses:
RELG 111  (3)  Good and Evil
RELG 177  (3)  Introduction to the Study of Religion
RELG 178  (3)  Introduction to World Religions

Choose 1 of the following courses:
RELG 236  (3)  Multicultural Religious America
RELG 241  (3)  Judaism
RELG 244  (3)  Christianity
RELG 255  (3)  Islam

Choose 1 of the following courses:
RELG 221  (3)  Hindus, Jainas, and Sikhs
RELG 222  (3)  Buddhism
RELG 231  (3)  Daoism
RELG 248  (3)  Religions of Africa
RELG 263  (3)  Asian Philosophies

Choose 3 additional three-credit courses in religion or from the approved courses listed below. Two of these three courses must be at or above the 300-level.

ANTH 328  (3)  Ritual and Worldview
ARTH 235  (3)  Early Medieval Art
ARTH 237  (3)  Asian Art
CLAS 201  (3)  Classical Mythology
INTD 109  (3)  The Religion of Socrates
PHIL 224  (3)  Ethics: Theories and Applications
SOCI 260  (3)  Sociology of Religion

Course Descriptions

RELG 111 – Good and Evil (3)
What do the world’s religions say about war and peace, hunger and poverty, death and dying, science, technology, medicine, the environment, the political and economic order, sexuality, civil rights, and business? This course will examine the ways that religions deal with principal moral issues in the modern world. Offered alternate years. V.5

RELG 177 – Introduction to the Study of Religion (3)
An introduction to the broad field of religious studies from a variety of perspectives drawn from anthropology, psychology, sociology, philosophy, the fine arts, gender studies, and history. The
course will consider what the elements of religion are (myth, doctrine, ritual, ethics, world view, human community, and destiny), how they are to be interpreted vis-a-vis modern academic perspectives on culture, and whether religion as a concept makes any sense in an age of scientific rationalism. May be counted as an auxiliary course toward the minor in gender studies.

V.1, V.5

RELG 178 – Introduction to World Religions (3)
A comparative survey of the world’s major religious traditions from the time of their foundation to the present. Emphasis will be placed on understanding how religious traditions both reflect and are formative in the cultures and societies in which they appear. V.5

RELG 221 – Hindus, Jainas, and Sikhs (3)
A comprehensive survey of the major religious movements of India. This course will examine Indian notions of truth, ritual, family life, social organization, human destiny and salvation, literature, and arts as they have developed within the Hindu, Jaina, and Sikh communities. Students will also examine the role of these communities in the development of modern Indian nationalism and ethnicity. Offered alternate years. V.4

RELG 222 – Buddhism (3)
A broad historical study of the development of Buddhism in India and its adoption and adaptation in Tibet, China, and Japan. This course will examine the Buddhist world view, Buddhist forms of spirituality (Mahayana, Hinayana, and Tantrayana), Buddhist rituals, philosophy, literature, arts, organizations, and Buddhism’s relation to political and economic systems. Offered alternate years. V.4

RELG 231 – Daoism (3)
A broad comparative study of the development of Daoism in China, Korea, and Japan. This course will examine the origins of Daoism in China, its development of cosmological, political, ritual, gymnastic, alchemical, and monastic forms, and the regional understandings and uses of these forms in Korea and Japan. V.4

RELG 235 – Latin American Religion (3)
The study of religion in Latin America includes the diverse cultures of indigenous, African-American, and Hispanic peoples from South America, Central America, Mexico, and the Caribbean. The course may consider: indigenous religions from geographically distinct regions (from the Yahgan of Tierra del Fuego to the Pueblos and Yaquis of Mexico); Catholicism in its many cultural forms; African cultures from Brazilian condomblé to Afro-Caribbean ritual; and contemporary religious movements. Critical approaches include pre-contact, colonial and post-colonial issues; cosmovisiones, conflict and mestizaje, religion and society, modernity in Latin American perspectives. Offered alternate years. V.4

RELG 236 – Multicultural Religious America (3)
This course explores a diversity of new approaches to religion in pluralistic America, considering new historical understanding of Protestant, Catholic, and Jewish traditions, and many non-
mainstream religions. The study will include Native American religion, African American Christianity and Islam, Hispanic Catholicism, Asian American traditions, Mormonism, and new religious movements. Pluralistic religious America will be examined in light of colonialism, post-colonial interpretations, cultural and regional diversity, gender issues, ethics and social issues. Offered alternate years. **III.O, V.5**

**RELG 241 – Judaism (3)**
An historical study of the origins and development of Judaism down to the present. The course will deal with Jewish ethics, gender, literature, law, ritual, and notions of history and ethnic identity as they developed in various Jewish communities throughout the world. Offered alternate years. **May be counted as an auxiliary course toward the minor in gender studies. III.W, V.1**

**RELG 244 – Christianity (3)**
An historical survey of the development of Christianity from its beginnings in the Greco-Roman empire through its global establishment in the modern era. The focus of the course will be on how Christianity in its literature, rituals, institutional forms, and intellectual traditions changes and develops as it encounters new peoples and new cultures. **May be counted as an auxiliary course toward the minor in gender studies. III.W, V.1**

**RELG 248 – The Religions of Africa (3)**
Students will examine religions of Africa both in their indigenous expressions and in the Diaspora. Methodological issues such as what constitutes a “traditional” religion will be examined, as will questions of ritual, cosmology, myth-making, and the place of women. The effects of colonialism and the situation of post-colonialism will be discussed in-depth in the context of both continental and diaspora religious experience. The relationship of colonialism to syncretism will be explored in the examination of diaspora religions in the Caribbean and American settings. Movements such as Voodoun and Rastafarianism will be studied with a view to understanding how new religions are created as a process of inter-cultural contact and adaptation to historical events. **III.O, V.4**

**RELG 255 – Islam (3)**
An introduction to the “world of Islam”, beginning with an examination of its foundation in the seventh century and concluding with a consideration of issues pertaining to Islam in the modern world. The course will deal with such topics as: Muhammad; the Qur’an; Islamic “Traditions” (hadith) and the “Law” (shariah); the Caliphate; sectarian divisions, especially the Sunni-Shiite schism; Sufi mysticism; Muslim influences on medieval European societies; the Crusades; Islamic art and literature; and the modern resurgence of Islam. Offered alternate years. **V.4, V.5**

**RELG 261 – Directed Study (1, 2, 3)**
Prerequisites: One RELG course and permission of the instructor. The study of introductory level material by an individual student or by a small group of students under the immediate supervision of a faculty member.
RELG 263 – Asian Philosophies (3)
Prerequisite: One course in PHIL or RELG; sophomore standing. A survey of the major philosophers in North and South Asia. This course will look at the philosophical contributions made to world philosophy by such philosophers as Confucius, Laozi, Zhuxi, Nagarjuna, Candrakirti, Shankara, and Ramanuja. The course will focus on the basic questions of human existence and nature, notions of truth and ultimate meaning, ethical obligations, and the nature of society. Offered alternate years. V.5

RELG 301 – Religion, Science, and Occultism (3)
Are there critical differences between scientific and religious ways of knowing and are there ways in which humans have tried to bridge the gap between science and religion? This course will examine the philosophy of science as a means of understanding modern intentional revivals of ancient religious traditions, including modern witchcraft, fertility practices, various divination and fortune-telling techniques, the development of parapsychology and New Age religion. Offered alternate years.

RELG 302 – The Comparative Philosophy of Religion (3)
Prerequisite: One RELG course. Philosophical analysis of religious claims about the nature of human existence, religious notions of authority, religious language, ethics, and theories of knowledge. While the categories of analysis are drawn from the Western philosophical tradition, the data are drawn from the world’s religions. III.O, V.1

RELG 350 – Religion and U.S. Law (3)
Prerequisite: Permission of the instructor. An examination of the issues that are produced by religious and state interests in the United States from the colonial period to the present. The course will focus on understanding the history of colonial and post-colonial views of religion and government, the process that led to the constitutional separation of religion and government, and the history of interpretations of this constitutional doctrine by the U.S. Supreme Court. Offered alternate years. III.W, V.7

RELG 361 – Special Study (1, 2, 3)
Prerequisites: 100-level RELG course and permission of the instructor. The study of an intermediate level topic by an individual student or by a small group of students under the immediate supervision of a faculty member.

RELG 377 – Internship (1, 2, 3)
Prerequisites: Three credits in RELG and permission of instructor and department chair. This course is graded P/CR/NC only.

RELG 451 – Research Seminar in the Study of Religion (3)
Prerequisite: One course in RELG at the 200-level or above. This seminar provides an opportunity for students and faculty to collaborate in research that will produce a student-faculty publication in an appropriate academic form (e.g. a conference presentation, a paper journal, or an electronic journal). Offered alternate years.
**RELG 452 – Senior Seminar (3)**
Fundamental problems of religion, ethics, and theology, such as religious authority and experience, understandings of the world, humanity and history, doctrines of salvation, the study of sacred scriptures, phenomenology of religion, and the methodologies of religious studies. The course is the senior exercise for students who major in religion.

**RELG 461 – Independent Study (1, 2, 3)**
*Prerequisites: One 100-level RELG course, one 200-level RELG course, and permission of the instructor.* Pursuit of an upper level research project determined in advance by the student in consultation with a faculty member who will act as the sponsor.

**Sociology**
Sociology, the study of modern society and its institutions, deals with questions about economic relations, the distribution of power, and interrelations of religious systems and the structure of society. The discipline combines rigorous methods with a humanist’s perspective to develop comprehensive views of society. The Department of Sociology offers a wide variety of courses in social stratification, crime and delinquency, urbanization, and race relations. The department offers major and minor programs in sociology.

**The Sociology Major**
(40 semester hours)

**Required:**
- PSYC 101  (3) Introductory Psychology
- PSYC 219  (4) Statistics for Behavioral Sciences
- SOCI 100  (3) Introduction to Sociology: The Sociological Perspective
- SOCI 110  (3) Introduction to Sociology: Social Research
- SOCI 320  (3) Social Organization: Work, Family, and Education
- SOCI 330  (3) Social Stratification
- SOCI 450  (3) Sociological Theory
- SOCI 451  (3) Research Methods

**Senior Exercise:**
- SOCI 452  (3) Senior Seminar

**Choose 4 three-credit courses** in sociology excluding internships. No more than one directed, special, or independent study may be counted toward the major.

**NOTE:** For the major in sociology, the P/CR/NC grading option may not be exercised for any course which could count toward the major. Additional information about the P/CR/NC grading option is available under the Academic Regulations heading in this catalog.
The Sociology Minor  
(18 semester hours)

Required:

- SOCI 100  (3)  Introduction to Sociology: The Sociological Perspective
- SOCI 110  (3)  Introduction to Sociology: Social Research
- SOCI 320  (3)  Social Organization: Work, Family, and Education
- SOCI 330  (3)  Social Stratification

Choose 2 three-credit courses in sociology excluding internships. No more than one directed, special, or independent study may be counted toward the minor.

NOTE: For the minor in sociology, the P/CR/NC grading option may not be exercised for any course which could count toward the minor. Additional information about the P/CR/NC grading option is available under the Academic Regulations heading in this catalog.

**Course Descriptions**

**SOCI 100 – Introduction to Sociology: The Sociological Perspective (3)**
The course serves as an introduction to the analysis of human interaction and social groups. Focus is on the sociological perspective, methods of social science, socialization processes, and class, gender, and race inequalities, with an over-arching emphasis on the social construction of reality. *May be counted as an auxiliary course toward the minor in gender studies.* V.5

**SOCI 110 – Introduction to Sociology: Social Research (3)**
An introduction to the analysis of human group behavior within the context of social interaction and social institutions. Primary emphasis is on methods and results of social research. III.Q

**SOCI 200 – Medical Sociology (3)**
*Prerequisite: SOCI 110.* Social and behavioral risk factors for health and well-being, illness, accidents and death. Interrelationships of these non-medical factors with health care and socially-patterned inequalities. V.5

**SOCI 210 – Culture, Society, and the Automobile (3)**
*Prerequisite: SOCI 100.* Changing effects of the automobile on culture and social organization will be considered. Topics include: the relation of cars to industrialization and the organization of work, cars as popular cultural artifacts, cars and social policy. Some attention will be paid to probable future trends in automotive design and production. Emphasis is on the United States, but recent developments in the rest of the world (especially Japan) will be analyzed as well. Offered every third year. V.5

**SOCI 223 – The Sociology of Food (3)**
*Prerequisite: SOCI 100.* Food is a principal ingredient in sociocultural systems and conveys much about a society. This course explores the social significance of food, specifically: the
determinants of what and how people in a society eat, religious and ideological meanings associated with certain foods, how food norms reflect and perpetuate certain forms of social stratification, the rationalization of food-related processes, and the consequences of food conventions for the health of people and the environment. V.5

SOCI 250 – Social Work (3)
Prerequisite: SOCI 100. The basic principles of social service; types of social-work settings; standards of social work; and an introduction to methods of case work, group work, and community work. This course may not be used to meet the minimum number of courses required for either the major or minor in sociology.

SOCI 260 – Sociology of Religion (3)
Prerequisite: SOCI 100. This course examines religion in human cultures from a sociological perspective, focusing on its origins in and consequences for society. Study includes the review of classic and contemporary arguments about the role of religion and ideas about morality in the development of modern society. The course also explores ways in which religion and other aspects of society influence each other. V.5

SOCI 261 – Directed Study (1, 2, 3)
Prerequisites: SOCI 100 or SOCI 110, and permission of the instructor. The study of introductory level material by an individual student or by a small group of students under the immediate supervision of a faculty member. This course is graded P/CR/NC only.

SOCI 300 – Social Psychiatry (3)
Prerequisite: SOCI 110. An analysis of cultural values and socioeconomic factors related to definitions of mental health; societal responses to mental illness; the prevalence and distribution of psychiatric disorder in population groups; the influence of non-medical factors in diagnosis and treatment; the relation to social structure of mental health policy and organization of treatment systems.

SOCI 310 – Criminology (3)
Prerequisite: SOCI 110. Critical analysis of contemporary theoretical and empirical research of the sociology of crime and delinquency. III.Q

SOCI 320 – Social Organization: Work, Family, and Education (3)
Prerequisite: SOCI 100. An analysis of how the economy affects the organization of the workplace which in turn affects home and school socialization processes. Implications of workplace organization and socialization processes for social mobility are explored.

SOCI 330 – Social Stratification (3)
Prerequisite: SOCI 100. An examination of the sociological understanding of structured social inequality. Beginning with the origins of social stratification and theoretical explanations of inequality, the course will survey the principal forms of stratification found in human society, concentrating on an extended analysis of the class structure of American society that addresses
these fundamental questions: How are rewards (power, property, prestige) distributed in American society? How unequal is the distribution? Are classes real groups or categories? Can individuals change their rank in the structure? How has the structure of inequality changed? V.5, V.7

**SOCI 350 – Urban Sociology (3)**
*Prerequisite: SOCI 100.* The emergence of the modern city raised many questions about the effects of urban life on society. Today, however, more than half the world’s population is urban. This course will examine the range of sociological theories about the city. Themes include: the history of urbanization and sprawl, the cultures of cities, environmental issues, and the “new urban sociology.”

**SOCI 360 – Minorities and Race Relations (3)**
*Prerequisite: SOCI 100.* An analysis of the significance of minority-group status for the individual and society, with emphasis on the relationship between personality and prejudice, the functions of prejudice in society, and the effects of prejudice on minority-group members. The application of this analysis to the United States and selected societies. III.W

**SOCI 361 – Special Study (1, 2, 3)**
Prerequisites: SOCI 100 or SOCI 110, and permission of the instructor. the study of an intermediate level topic by an individual student or by a small group of students under the immediate supervision of a faculty member. This course is graded P/CR/NC only.

**SOCI 370 – Environmental Sociology (3)**
*Prerequisite: SOCI 100 or ENVR 101.* An analysis of the reciprocal interactions between the physical environment (ranging from a micro level to the biosphere) and social organization. Specific topics include energy consumption, quality of life, sustainable development, environmental inequality, and global environmental change. The course will emphasize the ways in which social structures and the individual behaviors that reflect them both transform and are transformed by the environment. Offered alternate years. V.7

**SOCI 377 – Internship (1, 2, 3)**
*Prerequisites: Three credits in SOCI and permission of instructor and department chair.* This course is graded P/CR/NC only.

**SOCI 450 – Sociological Theory (3)**
*Prerequisites: SOCI 100 and one additional SOCI course.* Sociological theory was a response to the traumatic birth of modern society. industrialization, capitalism, and individualism all raised difficult questions. What is the nature of modern society? What are its problems and challenges? How will it change? We shall approach these questions via a critical reading of Marx, Durkheim, Weber, and others, followed by selections representative of the major movements of thought in contemporary sociological theory. III.W, V.1
**SOCl 451 – Research Methods (3)**
*Prerequisites: SOCI 110, and MATH 106 or MATH 205.* An analysis of strategies for discovery in social research, with emphasis on questionnaires, interviews, and observation. Students will have an opportunity to apply these methods. **III.Q**

**SOCl 452 – Senior Seminar (3)**
*Prerequisite: Open by permission to seniors who are doing major work in the division or in related interdepartmental majors.* The application of the sociological perspective to an issue or problem in contemporary society, with emphasis on the formulation of a sociological question and the construction of a sociological analysis. Students in the seminar will determine the issue or problem to be considered. Students may elect to do independent work on topics related to the theme of the seminar. **III.O**

**SOCl 461 – Independent Study (1, 2, 3)**
*Prerequisites: SOCI 100 or SOCI 110, one 200-level SOCI course, and permission of the instructor.* Pursuit of an upper level research project determined in advance by the student in consultation with a faculty member who will act as the sponsor. This course is graded P/CR/NC only.

**Spanish**

The modern language curriculum is designed to give students an opportunity to become conversant in one or more languages from linguistic, literary and cultural perspectives. We encourage serious students to examine the social, philosophical and aesthetic themes in literature and to acquire fluency and sensitivity to structure and style in the languages offered which include French and Spanish.

Careers in such fields as government, law, business, medicine, social service, journalism, or education are enhanced by the knowledge of foreign languages. Many graduate programs require proficiency in a foreign language.

Majors are offered in French and Spanish. Students should spend their junior year in an approved program of studies abroad, or participate in an approved program of summer studies. Minors are offered in French and Spanish. In cooperation with other academic departments, the department also participates in programs providing a minor in Latin American Studies. This program is designed to encourage the student to combine her interests in a language with other disciplines. The student considering such a program, or planning to study abroad, should consult the department chair as soon as possible to assure proper preparation.

A student who chooses one of these majors is expected to achieve a reading, writing, and speaking knowledge of the language (or languages) in which she concentrates. The foreign language is used exclusively in all advanced courses and as much as possible in the others. Not more than one approved course given in English may be credited toward the major. The department recommends participation in a Junior Year Abroad program or a residence of six
weeks or more in a summer school where the exclusive use of the foreign language is required. Courses taken in programs abroad must be evaluated and approved by the appropriate departmental faculty before credit is granted toward the major. A student who has begun the study of a language in college will still find it possible to fulfill the major requirement in the language by arranging her courses in consultation with her major professor.

The Department of Modern Languages does not approve credit for online courses taken at any level. No course being counted toward the V.3 general education knowledge area may be taken on a P/CR/NC grading option.

**The Spanish Major**
(33 semester hours)

**Required:**
SPAN 222  (3)  Introduction to Hispanic Literatures

**Senior Exercise:**
SPAN 452  (3)  Senior Seminar

**Choose 1 of the following courses:**

*Peninsular Literature*
SPAN 326  (3)  Early Spanish Culture: Heritage and Identity
SPAN 330  (3)  Topics in Hispanic Culture, Language, and Literature (approval required)
SPAN 349  (3)  Realism, Naturalism, and Regeneration: Spanish Literature 1850-1914
SPAN 367  (3)  Contemporary Artistic Expression in Spain: 1920-Present

**Choose 1 of the following courses:**

*Latin American Literature*
SPAN 330  (3)  Topics in Hispanic Culture, Language, and Literature (approval required)
SPAN 382  (3)  The Latin American Novel
SPAN 384  (3)  The Latin American Short Story and Essay
SPAN 386  (3)  Latin American Theatre
SPAN 388  (3)  Latin American Poetry

**Choose 1 additional three-credit course** at the 300-level in Spanish or Latin American literature or culture.

**Choose 1 course** in Latin American studies.

**Choose 5 additional three-credit courses** in Spanish numbered 215 or above.

**NOTE:** Spanish majors are strongly advised to take at least one course in Spanish during the fall term of the senior year.
The Spanish Minor
(21 semester hours)

Required:
SPAN 222 (3) Introduction to Hispanic Literatures

Choose 6 additional three-credit courses in Spanish numbered 215 or above, of which at least two courses must be at the 300-level.

NOTE: One course taught in English may be counted toward the minor by permission when the topic is appropriate.

Teacher Licensure Spanish
(33 semester hours in addition to required professional courses in education)

Required:
SPAN 215 (3) Spanish Conversation
SPAN 216 (3) Advanced Grammar and Composition
SPAN 222 (3) Introduction to Literary Analysis
SPAN 452 (3) Senior Seminar

Choose 1 of the following courses:
SPAN 219 (3) Hispanic Themes: Spain
SPAN 221 (3) Hispanic Themes: Latin America

Choose 1 of the following courses:
Peninsular Literature
SPAN 326 (3) Early Spanish Culture: Heritage and Identity
SPAN 349 (3) Realism, Naturalism, and Regeneration: Spanish Literature 1850-1914
SPAN 367 (3) Contemporary Artistic Expression in Spain: 1920-Present

Choose 1 of the following courses:
Latin American Literature
SPAN 330 (3) Topics in Hispanic Culture: Heritage and Identity (approval required)
SPAN 382 (3) The Latin American Novel
SPAN 384 (3) The Latin American Short Story and Essay
SPAN 386 (3) Latin American Theatre
SPAN 388 (3) Latin American Poetry

Choose 1 of the following courses:
LAST 201 (3) Latin American Culture I
LAST 202 (3) Latin American Culture II

Choose 3 additional three-credit courses in Spanish numbered 215 or above.

NOTE: In some cases, depending on the student’s background and proficiency, a student may
receive a departmental exemption for one or more of the following: SPAN 215, SPAN 216, SPAN 219, or SPAN 221. The exemption is for the course(s), not the credit; students still need a minimum of 30 semester hours in Spanish numbered 215 or above and 3 semester hours in Latin American studies.

*Recommended:* The student is encouraged to spend the junior year or one term of that year in a Spanish-speaking country. Degree credit is granted for participation in an approved program abroad.

**Course Descriptions**

**SPAN 101 – Elementary Spanish I (3)**
Introduction to Spanish grammatical structures, vocabulary, and the cultures of Hispanic peoples. Formal study and practice in speaking, reading, writing, and understanding spoken Spanish at the elementary level. Lab work required.

**SPAN 102 – Elementary Spanish II (3)**
*Prerequisite: SPAN 101.* A continuation of SPAN 101. Lab work required.

**SPAN 201 – Intermediate Spanish I (3)**
*Prerequisite: SPAN 202 or placement.* An intermediate Spanish language course with a special emphasis on oral communication. Audio and computer-based lab work required.

**SPAN 202 – Intermediate Spanish II (3)**
*Prerequisite: SPAN 201.* A continuation of SPAN 201 with a special emphasis on Hispanic culture and literature. Audio and computer-based lab work required. **V.3**

**SPAN 215 – Spanish Conversation (3)**
*Prerequisite: SPAN 202 or placement.* A course designed to improve the student's conversational ability through the reading and discussion of literary and cultural texts. **III.O, V.3**

**SPAN 216 – Advanced Grammar and Composition (3)**
*Prerequisite: SPAN 202 or placement.* Fine-tuning of language skills with an emphasis on applying grammatical principles and organizing strategies to the reading and writing of expository prose. **III.W, V.3**

**SPAN 219 – Hispanic Themes: Spain (3)**
*Prerequisite: One course in Spanish numbered 202 or above or placement.* An advanced intermediate Spanish course that introduces students to historical and cultural issues in Spain through the reading and commentary of relevant texts. Reading strategies to enhance comprehension and analytical skills are emphasized. Offered alternate years. **V.3**

**SPAN 221 – Hispanic Themes: Latin America (3)**
*Prerequisite: One course in Spanish numbered 202 or above or placement.* An advanced intermediate Spanish course that introduces students to historical and cultural issues in Latin
America through the reading and commentary of relevant texts. Reading strategies to enhance comprehension and analytical skills are emphasized. V.3, V.4

**SPAN 222 – Introduction to Hispanic Literatures (3)**
*Prerequisite: One course in Spanish numbered 202 or above or placement.* An advanced intermediate Spanish course that introduces students to the reading, discussion, and analysis of literary texts from throughout the Hispanic world. III.W, V.2, V.3

**SPAN 240 – Spanish for Business (3)**
*Prerequisite: SPAN 215 or SPAN 216.* A course that introduces students to business culture in the Hispanic world (with an emphasis on Latin America), the vocabulary of business, and business correspondence in Spanish. Weekly class meetings will be supplemented with extensive use of computer-based materials for communication and research. III.O, V.3, V.4

**SPAN 255 – Topics in Hispanic Literature in Translation (3)**
*Prerequisite: First-year students with permission.* A study of significant Latin American and/or Spanish writers and the relationship between their work and society. *This course may be counted as the one course in English allowed for the major in Spanish.* Taught in English. Offered alternate years. V.2

**SPAN 261 – Directed Study (1, 2, 3)**
*Prerequisites: One SPAN course and permission of the instructor.* The study of introductory level material by an individual student or by a small group of students under the immediate supervision of a faculty member.

**SPAN 304 – Spanish-English Translation (3)**
*Prerequisite: SPAN 222.* An introduction to the methods, techniques, and problems involved in translation from Spanish to English and English to Spanish with regard to sentence structure, vocabulary, idioms and colloquial phrases. Emphasis is on general material with some consideration of specialized material (ex: business, journalistic or literary texts).

**SPAN 326 – Early Spanish Culture: Heritage and Identity (3)**
*Prerequisite: SPAN 222.* An advanced course in which students read and analyze literary and historical texts that helped to shape the values and sense of Spanish identity as a nation from the early middle ages through the seventeenth century. Topics of discussion will include the impact of multi-culturalism (Islamic, Jewish, Christian), the development of the concept of the hero, the changing role of women, the emergence of the Catholic state, and the rise and decline of Imperial Spain. Offered alternate years. V.2

**SPAN 330 – Topics in Hispanic Culture, Language, and Literature (3)**
*Prerequisite: SPAN 222.* Topics will vary by semester. Offered alternate years.
SPAN 349 – Realism, Naturalism, and Regeneration: Spanish Literature 1850-1914 (3)
Prerequisite: SPAN 222. An examination of the Peninsular novel, theater, and poetry from the point of view of the underlying social, historical, and theoretical influences of the time. Authors studied may include Galdós, Pardo Bazán, Clarín, Unamuno, Machado, Valle-Inclán, and others. Offered alternate years. V.2

SPAN 361 – Special Study (1, 2, 3)
Prerequisites: 100-level SPAN course and permission of the instructor. The study of an intermediate level topic by an individual student or by a small group of students under the immediate supervision of a faculty member.

SPAN 367 – Contemporary Artistic Expression in Spain: 1920-Present (3)
Prerequisite: SPAN 222. Dictatorship, democracy, civil war, economic booms and busts, radical social change - contemporary Spain has experienced them all in the years since 1920. In this course, students will gain insight into contemporary Spanish society through the analysis of important works of art, film, and literature that reflect the fundamental underpinnings of life in today’s Spain. V.2

SPAN 377 – Internship (1, 2, 3)
Prerequisites: Three credits in SPAN and permission of the instructor and department chair. This course is graded P/CR/NC only.

SPAN 382 – The Latin American Novel (3)
Prerequisite: SPAN 222. A study of the Latin American novel with an emphasis on major twentieth-century authors and literary trends. Writers studied may include Bombal, Rulfo, Fuentes, García-Marquez, Allende and Argueta, among others. Offered alternate years. III.W, V.2

SPAN 384 – The Latin American Short Story and Essay (3)
Prerequisite: SPAN 222. A study of the major writers and themes of the Latin American short story and essay (cultural, political and social commentary). Writers studied may include Palma, Echeverria, Martí, Quiroga, Borges, Donoso, Cortazar and Valenzuela, among others. Offered alternate years. V.2

SPAN 386 – Latin American Theatre (3)
Prerequisite: SPAN 222. A study of Latin American theatre with an emphasis on historical trends and social and political themes and contexts. Offered alternate years. V.2

SPAN 388 – Latin American Poetry (3)
Prerequisite: SPAN 222. A study of Latin American poetry from the colonial period through Romanticism and Modernism to the present. Poets studied may include Sor Juana Ines de la Cruz, Heredia, Dario, Mistral, Vallejo, Guillen, Neruda, Paz and Cardenal, among others. Offered alternate years. III.W, V.2
SPAN 452 – Senior Seminar (3)
Prerequisite: Required of all seniors majoring in Spanish. Open, with permission of the department, to other qualified students. An examination of different critical approaches that may be taken in dealing with literary texts. This is the senior exercise in Spanish. III.O, III.W

SPAN 461 – Independent Study (1, 2, 3)
Prerequisites: One 100-level SPAN course, one 200-level SPAN course, and permission of the instructor. Pursuit of an upper level research project determined in advance by the student in consultation with a faculty member who will act as the sponsor.

Studio Art

The Studio Art Department addresses itself to developing visually literate students within the context of the liberal arts format. The studio art student has the opportunity to master a wide range of classic and experimental techniques by creating visual expressions of ideas drawn from her own experiences and enriched by the broad spectrum of knowledge available to her in the liberal arts program.

Students interested in the studio art major (especially those wishing to study abroad in their junior year) are encouraged to take foundation courses (ARTS 101, ARTS 110 or ARTS 115, ARTH 115, and ARTH 116) in their first year and to seek an advising appointment with a studio art faculty member. The Studio Art Department also suggests the completion of the Arts Management Program.

Students who seek advanced placement in studio art must submit a portfolio of slides or actual work for review by the studio instructors. Although students may be exempted from the foundation courses (ARTS 101, ARTS 110, and ARTS 115), college credit is not usually granted for work done in high school. Instead of taking foundation courses, students will be expected to take other studio art courses.

ARTS 115, ARTS 119, ARTS 204, ARTS 219, ARTS 221, ARTS 222, and all printmaking courses require lab fees.

The Studio Art Major
(45 semester hours)

Required:
ARTS 101 (3) Introduction to Studio Art

Senior Exercise:
ARTS 451 (1) Senior Exercise I
ARTS 452 (2) Senior Exercise II
Choose 1 of the following courses:
ARTS 110  (3)  Two-Dimensional Design
ARTS 115  (3)  Sculpture I

Choose 2 intermediate, advanced, or 300-level or above courses in one of the following areas of specialization: ceramics, drawing, painting, photography, printmaking, digital media, or sculpture. Intermediate level courses are designated by II in the title, and advanced level courses are designated by III or IV in the title.

Choose 5 additional three-credit courses in studio art.

NOTE: The major program must include one three-credit course in each of the following areas of study: drawing, painting, printmaking, and sculpture or ceramics.

The following ancillary courses are also required unless the studio art major also successfully completes the major or minor in the history of art.

Required:
ARTH 115  (3)  Survey of Art History I
ARTH 116  (3)  Survey of Art History II

Choose 1 three-credit course in art history designated as III.W. (This course cannot also be counted as an elective below.)

Choose 2 of the following courses:
ARTH 253  (3)  Early 20th-Century Art
ARTH 255  (3)  Contemporary Art
ARTH 303  (3)  Seminar on Women Artists
ARTH 354  (3)  Later 20th-Century Art
ARTS 209  (3)  History of Photography

The Studio Art Minor
(24 semester hours)

Required:
ARTS 101  (3)  Introduction to Studio Art

Choose 1 of the following courses:
ARTS 110  (3)  Two-Dimensional Design
ARTS 115  (3)  Sculpture I

Choose 6 additional three-credit courses in studio art.

NOTE: The minor program must include one three-credit course in each of the following areas of study: drawing, painting, printmaking, and sculpture or ceramics.
Teacher Licensure in Studio Art
See the studio art or education department chair for information on teacher licensure in studio art (PreK-12).

Course Descriptions

ARTS 101 – Introduction to Studio Art (3)
An introduction to the various media used in the creation of visual art through hands-on experience, to elements of visual language such as perspective, and to critical issues in art’s evaluation. A number of techniques such as painting, drawing, printmaking, and sculpture will be sampled. Six hours of supervised studio. V.6b

ARTS 110 Two-Dimensional Design (3)
A course on the fundamental principles of two-dimensional design and composition. Various media are used to investigate elements of design such as value, visual weight, form, scale, texture, and rhythm, and to analyze works of art. An introduction to letter forms, layout, and color theory are included. Six hours of supervised studio. V.6b

ARTS 115 – Sculpture (3)
An introduction to the various techniques and processes involved in the creation of three dimensional art. Assignments will spotlight specific design and construction concepts, with students developing their own solutions from initial idea to fabrication using a wide range of materials. V.6b

ARTS 119 – Photography I (3)
Prerequisite: 35mm camera required; studio art majors have priority. A practical study of the materials and techniques of artistic expression through the black and white photographic film process, including camera controls, film processing, darkroom printing, print finishing, and safe use of photographic chemistry. Critiques and study of contemporary and historically important photographers will offer the student an opportunity to explore many different types of photographic aesthetic. Six hours of supervised studio. V.6b

ARTS 127 – Monoprint and Experimental Printmaking (3)
This course will introduce students to the mono-print, the printmaking technique that comes closest to drawing and painting in its immediacy. The monoprint and monotype represent a family of fascinating processes that foster experimentation and discovery. This hands-on class will introduce students to additive and reductive techniques and the trace monoprint, using both oil-based and non-toxic water-based inks. Safe use of toxic art materials is included. V.6b

ARTS 131 – Drawing I (3)
A study of the classic drawing techniques and materials. emphasis will be placed on a basic approach to drawing in pencil, charcoal, conte, pen and ink, wash, and mixed media. Drawing from life and keeping a sketchbook are elements of the course. Six hours of supervised studio. V.6b
ARTS 204 – Sculpture II (3)
*Prerequisite: Arts 101, Arts 110, or Arts 115.* Students will explore a wide range of approaches to the three-dimensional form as fine art. Casting, carving, assembly, clay sculpture, and translation from a small model (maquette) to a larger piece are some of the areas covered. These techniques as well as aesthetic concerns will be addressed. V.6b

ARTS 208 – Painting I (3)
*Prerequisite: Arts 101 or Arts 110.* Basic instruction addressing materials, techniques, composition, and color theory in painting with particular emphasis on developing technical understanding and skills. Safe use of toxic art materials is included. V.6b

ARTS 209 – History of Photography (3)
This course will offer an exploration of the history of photography including: 19th century photographic processes; major figures in the 19th and 20th centuries; the popular impact of photographic imagery; and the creation of a visual culture. Major movements such as pictorialism, modernism, and postmodernism will be featured in conjunction with some important practitioners and theorists. Offered alternate years. V.6a

ARTS 215 – Beginning Lithography and Experimental Printmaking (3)
*Prerequisite: Arts 101 or Arts 110.* An introduction to the materials and techniques of stone lithography. The complete process beginning with graining the stone, through crayon and wash drawing, to printing, will be done by the students. Monoprint and collograph will also be addressed. Offered alternate years. Safe use of toxic art materials is included. V.6b

ARTS 216 – Beginning Relief Printmaking (3)
*Prerequisite: Arts 101 or Arts 110.* An introduction to the materials and methods of three relief printmaking techniques: wood engraving, woodcut, and linoleum cut. Each step from designing and cutting the block through printing will be addressed and executed by the students. Color printing will be introduced. Safe use of toxic art materials is included. Offered alternate years. V.6b

ARTS 219 – Photography II (3)
*Prerequisite: Arts 119.* Further study of materials and techniques presented in ARTS 119, with emphasis on development of personal expression through the art of photography. Areas of emphasis include studio lighting with regard to portraiture and still life, flash photography, color filters for black and white film, and an introduction to the narrative/photojournalism style. An introduction to digital photography and basic Photoshop is taught using department cameras. A 35mm non-automatic camera is required. V.6b

ARTS 220 – Beginning Etching (3)
*Prerequisite: Arts 101 or Arts 110.* An introduction to the materials and techniques of intaglio printmaking. Students will be taught processes for developing line, tone, and texture on the plate, and to ink and print their plates. Color printing will be introduced. Safe use of toxic art materials is included. V.6b
ARTS 221 – Ceramics: Handbuilding (3)
An exploration of the materials and forming techniques involved in making hand built three-dimensional clay objects. Pinching, slab building, and coiling will be covered as well as glazing, firing, and glaze chemistry. Emphasis will be placed on artistic and creative solutions to various problems. Safe use of toxic art materials is included. V.6b

ARTS 222 – Ceramics: Throwing (3)
An exploration of the materials and forming techniques involved in making thrown three-dimensional clay objects. Pitchers, plates, covered containers, and teapots will be covered as well as glazing, firing, and glaze chemistry. Emphasis will be placed on artistic and creative solutions to various problems. Safe use of toxic art materials is included. V.6b

ARTS 232 – Drawing II (3)
Prerequisites: Arts 110 and Arts 131. Further study of drawing, stressing the development of each student’s own direction, research, and vision. A higher level of technique, craftsmanship, and the creative possibilities of media will be emphasized.

ARTS 239 – Collage, Assemblage, and Mixed Media (3)
Prerequisite: Arts 101, Arts 110, or Arts 131. This class combines drawing, painting, bookmaking, and working with found objects and images. Materials include encaustic and oil pastels. Technical aspects of these media will be incorporated. The course examines the aesthetics and history of combining media. Safe use of toxic art materials is included. V.6b

ARTS 242 – Digital Art and Imaging (3)
Prerequisite: 100-level ARTS course. Students will use the Macintosh computer and methods of digital capture to create work that is fine-art oriented. Photoshop CS5 will be used with film and flatbed scanners, digitally derived images, and found objects. Basic composition and pictorial design will be emphasized within the context of these programs to enable the student to combine computer skills with intuitive creativity. Book design using Blurb software will enable the student to create and execute a self-published work. V.6b

ARTS 261 – Directed Study (1, 2, 3)
Prerequisites: One Arts course and permission of the instructor. The study of introductory level material by an individual student or by a small group of students under the immediate supervision of a faculty member. Areas of study may be in one of the following: ceramics or sculpture, drawing, painting, photography, digital media, or printmaking.

ARTS 304 – Drawing III (3)
Prerequisite: Permission of the instructor. Advanced drawing for those students who have demonstrated their ability to continue creative work on their own initiative.

ARTS 315 – Lithography (3)
Prerequisite: Arts 220. Exploration of the creative possibilities of lithography, using either plate or stone, for the student ready to pursue her own directions and imagery. This course aims at a
deepened understanding of image making and stone-processing techniques and printing possibilities, including investigation of color printing. Offered alternate years.

**ARTS 316 – Relief Printmaking (3)**  
*Prerequisite: Arts 216.* Exploration of the creative possibilities of relief printmaking for the student ready to concentrate on either wood engraving, woodcut, or linoleum cut. The student will pursue her own directions and imagery while deepening her understanding of cutting techniques and printing possibilities, as well as further investigating color printing. Offered alternate years.

**ARTS 319 – Photography III (3)**  
*Prerequisite: ARTS 219.* This course involves the study of the zone system, fiber-base printing and toning, advanced studio lighting, and experimentation with pinhole and plastic cameras. Advanced digital photography and portfolio development are also emphasized, along with basic Blog design. We will also look at historical and contemporary issues and techniques in photography. The student will refine material from previous courses, and explore a personal topic upon which a portfolio will be based. Offered alternate years. **V.6b**

**ARTS 320 – Etching (3)**  
*Prerequisite: Arts 215 or Arts 220.* Exploration of the creative possibilities of intaglio printmaking for the student ready to pursue her own directions and imagery. This course aims at a deepened understanding of etching techniques and printing possibilities, as well as further investigation of color printing.

**ARTS 325 – Painting II (3)**  
*Prerequisite: Arts 208.* Further study of painting stressing the development of each student's own direction, research, and vision. A higher level of technique, craftsmanship, and the creative possibilities of the medium will be emphasized.

**ARTS 361 – Special Study (1, 2, 3)**  
*Prerequisites: One 100-level ARTS course and permission of the instructor.* The study of an intermediate level topic by an individual student or by a small group of students under the immediate supervision of a faculty member. Areas of study may be in one of the following: ceramics or sculpture, drawing, painting, photography, digital media, or printmaking.

**ARTS 377 – Internship (1, 2, 3)**  
*Prerequisites: Three credits in ARTS and permission of the instructor and department chair.* This course is graded P/CR/NC only.

**ARTS 401 – Painting III (3)**  
*Prerequisite: Permission of the instructor.* Advanced painting for those students who have demonstrated their ability to continue creative work on their own initiative in the media previously studied.
ARTS 402 – Painting IV (3)
Prerequisite: Permission of the instructor. Advanced painting for those students who have demonstrated their ability to continue creative work on their own initiative in the media previously studied.

ARTS 407 – Advanced Printmaking (3)
Prerequisite: Permission of the instructor. Advanced printmaking for those students who have demonstrated their ability to continue creative work on their own initiative. A continuation of techniques previously studied.

ARTS 451 – Senior Seminar I (1)
Criticism, analysis, and selection of student art work to be included in the senior exhibition by members of the department and visiting artists. Cultural context will be explored. The vocabulary of judgment and criticism will be developed. Each student will present an oral report in defense of her visual statement. Offered every year in the fall semester. III.O

ARTS 452 – Senior Seminar II (2)
Criticism, analysis, and selection of student art work to be included in the senior exhibition by members of the department and visiting artists. Cultural context will be explored. The vocabulary of judgment and criticism will be developed. Each student will present an oral report in defense of her visual statement. Offered every year in the spring semester. III.O

ARTS 461 – Independent Study (1, 2, 3)
Prerequisites: one 100-level ARTS course, one 200-level ARTS course, and permission of the instructor. Pursuit of an upper level research project determined in advance by the student in consultation with a faculty member who will act as the sponsor. Areas of study may be in one of the following: ceramics or sculpture, drawing, painting, photography, digital media, or printmaking.

Theatre
The Theatre Program is committed to deepening a student’s knowledge and appreciation of the theatre by studying the theatre of the past, learning the theoretical background of the various parts of the theatre acting, directing, design, play writing, technical theatre; and regular participation in theatre productions. Students have the opportunity to participate in all phases of production work as well as to specialize in either acting/directing or design/technical theatre. The department produces a broad range of material from the classics to musicals to modern experimental theatre. Students work with the faculty as well as with guest artists each year.

The Theatre Major
(46 semester hours)

Required:
ARMG 105  (4)  Introduction to Arts Management
THTR 105  (3)  Introduction to Technical Theatre
THTR 189  (3)  Acting I
THTR 310  (3)  Scenography: Fundamentals of Theatre Design
THTR 329  (2)  Advanced Theatre Production
THTR 392  (3)  Directing

Senior Exercise:
THTR 463  (3)  Senior Project

Choose the following course twice in two different semesters:
THTR 229  (2)  Production and Performance

Choose 4 courses from the following:
THTR 170  (3)  Theatre on Film
THTR 245  (3)  Contemporary Drama
THTR 333  (3)  History and Literature of the Theatre of the Ancient World
THTR 334  (3)  History and Literature of the Theatre of the Middle Ages and Renaissance
THTR 335  (3)  History and Literature of the Theatre in the 17th to 19th Centuries
THTR 336  (3)  History and Literature of the Theatre in the 20th and 21st Centuries

Choose 1 course from the following:
ENGL 235  (3)  Shakespeare
ENGL 322  (3)  Romance and Renewal: Shakespeare and Elizabethan Drama
ENGL 324  (3)  Revenge and Ravishment: Shakespeare and Jacobean Drama

Choose 6 additional credit hours from the following:
DANC 223  (3)  Introduction to Dance Composition I
THTR 104  (3)  Introduction to the Theatre
THTR 170  (3)  Theatre on Film (if not chosen for requirement above)
THTR 220  (3)  Computer Applications for Theatre
THTR 230  (3)  Play and Screen Writing
THTR 235  (3)  Musical Theatre Literature: Stage and Screen
THTR 280  (2)  Voice and Movement for Theatre
THTR 290  (3)  London Theatre Tour
THTR 341  (3)  Musical Theatre Techniques
THTR 389  (3)  Acting II

NOTE: For the major in theatre, the P/CR/NC grading option may be exercised for courses taken at the 100- and 200-level only. Additional information about the P/CR/NC grading option is available under the Academic Regulations heading of the catalog.

The Theatre Minor
(19 semester hours)

Required:
THTR 104  (3)  Introduction to the Theatre
THTR 105  (3)  Introduction to Technical Theatre I
THTR 189  (3)  Acting I

Choose 2 of the following courses:
THTR 333  (3)  History and Literature of the Theatre of the Ancient World
THTR 334  (3)  History and Literature of the Theatre of the Middle Ages and Renaissance
THTR 335  (3)  History and Literature of the Theatre in the 17th to 19th Centuries
THTR 336  (3)  History and Literature of the Theatre in the 20th and 21st Centuries

Choose the following course twice in two different semesters:
THTR 229  (2)  Production and Performance

NOTE: For the minor in theatre, the P/CR/NC grading option may be exercised for courses taken at the 100- and 200-level only. Additional information about the P/CR/NC grading option is available under the Academic Regulations heading of the catalog.

The Musical Theatre Major
(45-46 semester hours)

Required:
DANC 107  (1)  Beginning Ballet
DANC 109  (1)  Beginning Jazz Dance
DANC 111  (1)  Beginning Modern Dance
DANC 113  (1)  Beginning Tap
MUSC 157  (3)  Music Theory I: Analysis and Performance
MUSC 218  (3)  Music Theory II: Composition and Analysis
THTR 189  (3)  Acting I
THTR 229  (2)  Production and Performance
THTR 235  (3)  Musical Theatre Literature
THTR 329  (2)  Advanced Theatre Production
THTR 336  (3)  History and Literature of the Theatre in the 20th and 21st Centuries
THTR 341  (3)  Vocal Performance Technique

Senior Exercise:
THTR 463  (3)  Senior Project

Choose 1 of the following courses:
DANC 211  (1)  Intermediate Modern Dance
DANC 311  (2)  Advanced Modern Dance

Choose 1 of the following courses:
DANC 223  (3)  Introduction to Dance Composition I
DANC 224  (3)  Introduction to Dance Composition II

Choose the following course twice in two different semesters (4 credits):
MUSC 181  (2)  Applied Piano
Choose the following course four times in four different semesters (8 credits):
MUSC 185 (2) Applied Voice

NOTE: At the discretion of the chair of the music department, a student may substitute MUSC 107 for one semester of MUSC 181. At the discretion of the chair of the dance department, a student may substitute DANC 211 for DANC 111 and/or may substitute DANC 207 for DANC 107.

The Musical Theatre Minor
(20-21 semester hours)

Required:
DANC 111 (1) Beginning Modern Dance
MUSC 107 (3) Rudiments of Music I
MUSC 138 (1) Opera Workshop
MUSC 185 (2) Applied Voice
THTR 189 (3) Acting I
THTR 229 (2) Production and Performance
THTR 235 (3) Musical Theatre Literature: Stage and Screen
THTR 341 (3) Musical Theatre Techniques

Choose both:
DANC 107 (1) Beginning Ballet
DANC 109 (1) Beginning Jazz

OR

Choose:
DANC 223 (3) Introduction to Dance Composition I

NOTES: At the discretion of the chair of the music department, some students whose major is music may substitute MUSC 181 for MUSC 107. For the minor in musical theatre, the P/CR/NC grading option may be exercised for courses taken at the 100- and 200-level only. Additional information about the P/CR/NC grading option is available under the Academic Regulations heading of the catalog.

Teacher Licensure in Theatre
Students seeking licensure (6-12) in theatre must satisfy all requirements for the major in theatre, and select one of the following courses as well: THTR 280 or THTR 341. See additional professional requirements listed under the Department of Education.

Course Descriptions

THTR 102 – Public Speaking (3)
An introduction to informative, argumentative, and persuasive modes of address: traditional rhetorical principles of organization, audience analysis, and effective delivery will be applied in class. III.O
THTR 104 – Introduction to the Theatre (3)
Introduction to the basic principles of theatre. Different specialties will be explored such as acting, directing, scenic and lighting design, stage management and publicity. Historical periods will be defined, and representative plays will be read. V.6a

THTR 105 – Technical Theatre (3)
Introduction to the technical theatre: lighting, sound, set construction, scene painting, and backstage management. A thorough training in scene shop functions and technical support, emphasizing practical skills. Three hours of lecture and discussion and three hours of laboratory per week.

THTR 170 – Theatre on Film (3)
Students will read the scripts and see the film adaptations of a variety of plays originally written for the stage. The course will cover both classic and modern drama. Three hours lecture/discussion and two hours lab per week. Offered alternate years. V.6a

THTR 189 – Acting I (3)
Theatrical presentation as a critical approach to dramatic literature. Reading, discussion, and performance to develop the student’s powers of expression. III.O, V.6b

THTR 202 – Business and Professional Speaking (3)
Communication concepts and skills for use in business and professional environments. Topics covered include: problem solving, dealing with resistance to change, audience analysis, interviewing, asking questions, responding to public questions, dealing with the news media, and organization of material. III.O

THTR 205 – Advanced Technical Theatre (3)
Prerequisite: THTR 105. Advanced studies in the technical applications of properties, costumes, scene painting, lighting, model making, and stage management. From the organization to final product, how to bring ideas to life on the stage. Practical projects and research included.

THTR 229 – Production and Performance (2)
Ensemble participation in technical production and play performance: acting, stage design and construction, stage management, make-up, publicity, and backstage crew work. May be repeated for credit. This course is graded P/CR/NC only. V.6b

THTR 230 – Play and Screen Writing (3)
An introductory course in writing scripts designed for production. Students will learn dramatic structure, dialogue writing, and characterization by writing several drafts of original short plays and screen plays. Offered alternate years. III.W, V.6b
THTR 235 – Musical Theatre Literature: Stage and Screen (3)
Students will study the history, literature, and music of musical theatre on the stage as well as in film from its origin through contemporary times. Primary sources, scripts, and screenplays will be analyzed for form, content, and style. Offered alternate years. III.W, V.6a

THTR 245 – Contemporary Drama (3)
Representative plays from the contemporary theatre will be read and discussed. All plays in this course have had their original production within the last eight years. Students will learn how to analyze scripts and make judgments on their quality. Offered every third year. V.2, V.6a

THTR 258 – Debate and Argumentation (3)
The principles and techniques in argumentative speaking and debate. Students will have the opportunity to study and analyze debate propositions, prepare arguments, research and select evidence, and practice rebuttal and refutation. Offered alternate years. III.O

THTR 261 – Directed Study (1, 2, 3)
Prerequisites: One THTR course and permission of the instructor. The study of introductory level material by an individual student or by a small group of students under the immediate supervision of a faculty member.

THTR 280 – Voice and Movement for Theatre (3)
Intensive work in the fundamentals of movement and voice for stage and camera. Includes breathing and centering techniques, posture, improvement of resonance, articulation and projection and presentation of character through movement. Offered alternate years. III.O

THTR 290 – International Theatre Tour (3)
Students will travel to international destinations attending a wide variety of theatrical experiences. Students will learn critical appreciation of theatre through written essays and discussion. This course will be offered during the summer and carries an extra cost. V.6a

THTR 310 – Scenography: Fundamentals of Theatrical Design (3)
Prerequisite: THTR 105. An introduction to the concepts and practice in all areas of scenography, including scenic design, lighting design, sound design, property design, costume design. Offered alternate years.

THTR 329 – Advanced Theatre Production (2)
Prerequisites: 4 credits in THTR 229 and junior standing. Students enrolled in this class will be assigned major acting roles, or supervisory positions such as stage manager, assistant director, or crew head in the mainstage theatre production. May be repeated for credit.

THTR 333 – History and Literature of the Theatre of the Ancient World (3)
Prerequisite: Sophomore standing. The history of the theatre in ancient Greece, Rome, India, China, and Japan, including the major genres and playwrights, staging, design, and production
arrangements. Representative plays will be read and discussed from each period. Offered alternate years. V.2, V.6a

**THTR 334 – History and Literature of the Theatre of the Middle Ages and Renaissance (3)**
*Prerequisite: Sophomore standing.* The history of theatre in the Middle Ages, Elizabethan and Jacobean England, and the Spanish Golden Age. It includes the major genres and playwrights, staging, design, and production arrangements. Representative plays will be read and discussed from each period. Offered alternate years. V.1, V.2

**THTR 335 – History and Literature of the Theatre in the 17th to 19th Centuries (3)**
*Prerequisite: Sophomore standing.* The history of theatre in renaissance Italy, 17th-century France, Restoration England, early America, and 18th- and 19th-century Europe. It includes the major genres and playwrights, staging, design, and production arrangements. Representative plays will be read and discussed from each period. Offered alternate years. V.2, V.6a

**THTR 336 – History and Literature of the Theatre in the 20th and 21st Centuries (3)**
*Prerequisite: Sophomore standing.* This course includes the major genres and playwrights, staging, design, and production arrangements of the 20th and 21st centuries. Representative plays will be read and discussed in each genre and style. Offered alternate years. V.1, V.2

**THTR 341 – Vocal Performance Technique (3)**
Prerequisite: THTR 189, MUSC 185, or DANC 111. This course is structured to allow student growth in all areas of vocal performance. Students will study and perform selections from musical theatre, classical art song, and opera as fits their specific interest. Instruction will be given in character development, stage development, and audition technique. Offered alternate years.

**THTR 361 – Special Study (1, 2, 3)**
*Prerequisites: 100-level THTR course and permission of the instructor.* The study of an intermediate level topic by an individual student or by a small group of students under the immediate supervision of a faculty member.

**THTR 377 – Internship (1, 2, 3)**
*Prerequisites: Three credits in THTR and permission of the instructor and department chair.* This course is graded P/CR/NC only.

**THTR 389 – Acting II (3)**
*Prerequisite: THTR 189.* An advanced course in acting which concentrates on Stanislavskian techniques such as textual analysis, using emotional memory, and creating the illusion of the first time. Both class exercises and scene work are utilized. Offered alternate years. III.O
THTR 392 – Directing (3)
Prerequisite: THTR 189. Studies in approaches to directing for the stage and camera with practical application to one-act plays and short films directed by the students. Offered alternate years.

THTR 461 – Independent Study (1, 2, 3)
Prerequisites: One 100-level THTR course, one 200-level THTR course, and permission of the instructor. Pursuit of an upper level research project determined in advance by the student in consultation with a faculty member who will act as the sponsor.

THTR 463 – Senior Project (3)
An independent project for the senior theatre major in acting, directing, or design. This course may not be taken on a P/CR/NC grading option.