2008-2009 College Calendar

Fall Semester 2008

August 23, 2008  _________________________________ New students arrive
August 27, 2008  _________________________________ Opening Convocation
August 28, 2008  _________________________________ Classes begin
September 26, 2008 ______________________________ Founders’ Day
September 25-27, 2008 ___________________________ Homecoming Weekend
October 2-3, 2008 _________________________________ Reading Days
October 17-19, 2008 ______________________________ Families Weekend
November 5, 2008 _________________________________ Registration for Spring Term Begins
November 21, 2008 _______________________________ Thanksgiving vacation begins, 5:30 p.m.
(Residence Halls close November 22 at 8 a.m.)
December 1, 2008 _________________________________ Classes resume
December 12, 2008 _______________________________ Classes End
December 13, 2008 _______________________________ Reading Day
December 14-19, 2008 ______________________________ Examinations
December 19, 2008 _________________________________ Winter break begins, 5:30 p.m.
(Residence Halls close December 19 at 5:30 p.m.)

Spring Semester 2009

January 21, 2009  ________________________________ Spring Term begins
March 13, 2009  _________________________________ Spring vacation begins, 5:30 p.m.
(Residence Halls close March 14 at 8 a.m.)
March 23, 2009  _________________________________ Classes resume
April 8, 2009  _________________________________ Registration for Fall Term Begins
May 5, 2009  _________________________________ Classes end
May 6-7, 2009  _______________________________ Reading Days
May 8-13, 2009  _______________________________ Examinations
May 15, 2009  ___________________________ Class of 2008 Awards Ceremony, Baccalaureate Service
May 16, 2009  ___________________________ Commencement

Disclaimer-Every effort has been made to insure the accuracy and completeness of this Catalog. The information included is accurate at the time of printing. However, Sweet Briar College reserves the right to make necessary and desirable changes in policies, program requirements, programs, courses, tuition, and fees. Current and prospective students should check with College officials to verify current policies, requirements, programs, tuition, and fees.
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Sweet Briar College is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (1866 Southern Lane, Decatur, Georgia 30033-4097; telephone: 404-679-4501) to award the degrees of Bachelor of Arts, Bachelor of Fine Arts, Bachelor of Science, Master of Arts in Teaching, and Master of Education.
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 www.calendar.sbc.edu.

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.cochran.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.

Sweet Briar is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (SACS) to award degrees at the bachelor’s and master’s levels. It is a member of the College Entrance Examination Board and a contributing member of the American School of Classical Studies at Athens.
Admissions
[www.admissions.sbc.edu]
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 all campus visits, contact the Admissions Office at 434.381.6142, toll free 1.800.381.6142, or via e-mail, <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, 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 (see page 7) 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 meets between December and March, and letters of acceptance are mailed on December 15 for Early Decision applicants, and beginning February 1 for Regular Decision applicants. All offers of admission are contingent upon the successful completion of the senior year, and admitted students are required to submit a final high school transcript that includes the 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 posted at [www.admissions.sbc.edu](http://www.admissions.sbc.edu). 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.
Early Decision Plan: First Choice
Well-qualified candidates who have decided that Sweet Briar is their first choice are encouraged to apply Early Decision. The Admissions Committee mails Early Decision notification letters on December 15. Candidates for Early Decision should:

a) File application for admission before December 1.

b) Send all credentials and other information, including scores from SAT I or ACT to the College by December 1.

c) Agree that, if accepted, she will withdraw all applications at other colleges and submit the non-refundable enrollment deposit of $500 by January 15.

Early Decision financial aid candidates are encouraged to complete the College’s Early Estimator by December 1.

Early acceptances are made with the understanding that the work of the senior year will continue to be of high quality.

Some applicants may be notified that the Admissions Committee wishes to receive first semester senior grades before making a decision. These candidates will be deferred for consideration with the regular applicant group.

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, page 9).

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 May 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 four-year or junior 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 form, the Common Application form, or the Sweet Briar online application form, including the required application essay.

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

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) Statement of Financial Confirmation.

For the International Student application, as well as for information about course offerings and fees, contact the Admissions Office via e-mail, <admissions@sbc.edu>, or via the Web.

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 (see Academic Scholarships section, page 12).

I-20 forms will not be mailed until a student’s Statement of Financial Confirmation 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.

**Day Students**

Applicants who live with a parent or legal guardian in Amherst County, Nelson County, or the city of Lynchburg and who qualify for admission may enroll as day students. They must submit the same application credentials as first-year students. The enrollment deposit for day students is $50.

**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 24 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 will receive a discount of $7,500 off tuition, and will be charged the standard rate for room and board. The student may live on campus if housing is available, and may purchase the College meal plan. Applications may be obtained from the Office of the Dean. This offer does not apply to the graduate program in education.

**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 dis-
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 $1,200, and to earn that amount during the course of the school year the student works approximately seven 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 Urbino Exchange in Italy, 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, Urbino 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 2009-2010 school year, the student must submit information about her family’s income and assets on the 2009-2010 Free Application for Federal Student Aid (FAFSA). She also must provide signed photocopies of her and her family’s 2008 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 2009-2010 school year are: for early decision applicants for admission, December 1, 2008; for regular decision applicants for admission, February 1, 2009; and for currently enrolled students who have received need-based assistance in the 2008-2009 school year, May 15, 2009.

**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 2008-2009 VTAG will be $3,200; 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 2009-2010 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.

**Huguenot Scholarship**
The Marie L. Rose Huguenot Scholarship makes available $3,000 a year to students of Huguenot ancestry nominated by the College for award by the Huguenot Society of America. Special application forms are available from the College’s Financial Aid Office. The College is permitted to have two scholars per year.

**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.
Student Life

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.

Co-Curricular Life
[www.ccl.sbc.edu]

Through participation in co-curricular opportunities, students gain both self-knowledge and a greater sense of social responsibility. They are challenged to assume positions of leadership in student government, peer judicial boards, clubs and organizations, and athletics. No matter the level of interest or time commitment, 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 seven areas: Career Services, First Year Experience, Health and Counseling Services, Leadership Program, Outdoor Programs, Residence Life, and Student Involvement and Programs. Students who choose to become involved in one or more of these areas gain valuable experience by helping first-year students adjust to college life, teaching peers about health and wellness issues, coordinating lectures and performances, or leading students through a variety of outdoor adventures. Additional information about co-curricular programs and events is available online.

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 learn the ins and outs of campus life, how to use the computer network, how to get around the library, meet with academic advisors, and gain an understanding of the Honor Code. In one Orientation activity, Learning on the Land, students participate in an exploratory session that examines the Sweet Briar environment from different perspectives, including anthropology, art, ecology, 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.

Through the First Year Experience, students become acquainted with the many services, resources, and opportunities offered at the College.
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. The outdoor component of New Student Orientation helps make new students aware of these natural and recreational resources.

Residence Life
Sweet Briar’s residence halls 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 gives students the opportunity to develop self discipline, establish meaningful relationships, and become responsible members of the community. The community includes all students, both those who live on campus and those who enroll as Day Students and Turning Point students.

The College provides housing for students in nine 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. Students who turn 23 years of age prior to fall enrollment are permitted to reside off campus upon approval of a written request to the Vice President/Dean of Co-Curricular Life. International students who turn 23 years of age prior to fall enrollment and are requesting to live off campus are required to go through a review process beginning with the Director of International Studies.

The Office of Residence Life employs live-in staff members who help to create and maintain community within the residence halls. 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 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.

- **First-Year Assistants (FYAs) and Community Assistants (CAs)** are the student members of the Residence Life staff. FYAs live and work with new students and serve in two central roles — as Orientation leaders and as community resources. CAs live and work with upperclass women; their role is to help educate and empower fellow students. Both leadership positions assist the College in its overall operation of the Residence Life program. FYAs and CAs work collaboratively to provide balance, support and fun to the residential community.

Career Services Center
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 help 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 the Career Services Center 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 College’s student leadership programs prepare women to become responsible members of a global community. Through an intense and supportive educational environment, faculty and staff guide students to lead with integrity, honor and commitment. They do so by incorporating the college’s strong liberal arts curriculum, creating and encouraging learning opportunities within and outside the traditional classroom, the campus community and the world.
Students have the opportunity to participate in the Certificate Program; a three-year commitment on the part of the student. Recognizing that each student develops at a different pace and their interests are as varied as the definition of leadership, the program incorporates criteria that encourages individuality, focus, and involvement on the part of the student. The Leadership Certificate Program combines academic courses with campus workshops, lectures and meetings, community service/campus engagement opportunities, internship and/or study abroad options.

Students not desiring to commit to the Leadership Certificate Program are encouraged to participate in programmatic areas that are of interest to them. Each academic year, other opportunities for leadership include: participating in LEAP (Leaders Emerging and Achieving Program), attending the annual Student Leadership Conference, applying to be an Executive Student Leader, being nominated into Who’s Who Among American Colleges and Universities, and selection into ODK (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 Office of Student Involvement and Programs as well as the Chaplain’s Office.

Student Involvement and Programs
Student Involvement and Programs promotes involvement 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.

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 PAWS (animal rights), Environmental Club, Sweet Service, Belly Dancing, Christian Fellowship, and Amnesty International. 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.

Late Night Programs
There is always something to do each Saturday night at Sweet Briar thanks to the Late Night Vixens and the initiative of many students. Student Involvement and Programs and the LNV’s provide funds to various clubs and
Student Government

Students 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. 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.

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 is the College newspaper, and The Briar Patch, the College yearbook, is 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).

College Chaplain

Sweet Briar has a full-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. The Chaplain also serves as advisor to the Campus Spirituality Coalition, a student group devoted to promoting greater understanding, mutual respect, and harmony among people of varying religious 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, as Fresh Spirits or becoming involved with Habitat for Humanity. 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.

Lastly, the Chaplain’s Office sponsors the Ethics Bowl, an intercollegiate debate program in which students have the opportunity to study and debate ethical issues.
Athletics
[www.athletics.sbc.edu]
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. In addition, athletic facilities include basketball and volleyball courts, Cybex weight-training equipment, a cardio-fitness center, and a 25-meter pool. Located on campus are fields for hockey, lacrosse, softball, and soccer, as well as 14 tennis courts.

The Department of Physical Education, Athletics, and Recreation offers a variety of instructional classes. Varsity teams in field hockey, lacrosse, soccer, softball, swimming, volleyball, and tennis compete with teams from other colleges and universities. The fencing club team plays an intercollegiate schedule against a variety of colleges. Recreational opportunities include basketball, volleyball, cross-country running, softball, tennis, touch football, soccer, and other sports.

Public Events
[www.calendar.sbc.edu]
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 theatre and lecture halls each year. Recent presenters include environmental journalist Michael Pollan, environmental lawyer Robert F. Kennedy Jr., physicist Brian Greene, authors Salman Rushdie and Faith Ringgold, Pulitzer Prize-winning author and naturalist Edward O. Wilson, and performing artists DanceBrazil, the Ahn Trio and the American Shakespeare Center on Tour.


Riding Program
[www.riding.sbc.edu]
Students in the Riding Program often seek to expand their knowledge and experience by serving as trail guides, horse show coordinators, student assistants, and student teachers. Additional leadership opportunities include the student/faculty Advisory Committee and the student-run Riding Council. For information on the Riding Program see page 175.

The Harriet Howell Rogers Riding Center, one of the nation’s best college riding facilities, includes a 120- by 300-foot indoor arena with eurofelt footing, an outdoor lighted show ring with a sprinkler system, two additional outdoor rings, modern show-jumping equipment, and extensive trails.
College Fees, 2008-2009

Sweet Briar College has an endowment of approximately $100 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.

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 ............................................................... $26,720
Room ................................................................... $4,150
Board ................................................................... $6,010

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 ................................................ $18,440
Due by January 5 ............................................... $18,440

Day Student Fees

Tuition (full academic year) ............................. $26,720
Reservation fee ........................................................ $50
Fall term due by August 1 ................................. $13,360
Spring term due by January 5 ............................ $13,360

Part-Time Student Fees*

Regular part-time ......................... $885 per credit hour
Amherst County High School honors students ............ $240 per course
Amherst County teachers ............. $240 per credit hour

Auditing Fees*

Age 64 or younger ......................... $55 per credit hour
Age 65 or older ............................... $30 per credit hour

Summer Credit Fees*

Independent studies ......................... $220 per credit hour

*Fees are paid at the time of registration.

Overload Fee*

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 $425 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.

Riding Program Fees
Students who elect to participate in the Riding Program for credit 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.

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 Center. 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*

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<td>$1,375</td>
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*Rides in excess of the above contracted rates: $20 per ride

Board for privately owned horses*
Board..............................................................$750 per month

*Shoeing or veterinary service not included

Vehicle Registration
Students with vehicles on campus are assessed a registration (parking) fee for the academic year:

Residential students.................................$50
Non-residential/Day students .................$20

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.

Student Accident and Sickness Plan
The Commercial Travelers Mutual Insurance Company of Utica, N.Y., provides students with an insurance policy covering any accident or illness requiring hospitalization. Details of this plan are included in a notice to parents from the insurance company. The purchase of this is mandatory, unless proof is presented to the Business Office that the student is covered under another plan. A charge of $416 for 2008-2009 will be on the 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 (1-800-722-4867) and Tuiton Pay (1-800-635-0120).
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.

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.

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 College. 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 can not 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 or the Associate Dean of Academic Affairs, 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 Director of Academic Advising to request accommodations. The student must submit appropriate documentation of the disability to the Director, who will review the documentation and will then discuss with the student which accommodations and support services are appropriate.

The Director of Academic Advising, 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 the professor to arrange for the necessary accommodations. Accommodations planned 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 Dean 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 Director of Academic Advising 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 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 either the Dean of the College or the Director of Academic Advising. The Director 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 Programs

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.

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 World Wide 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.

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.

**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.

**The Honors Program**

[www.honors.sbc.edu]

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.

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
[www.jyf.sbc.edu]
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
[www.jys.sbc.edu]
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
[www.international.sbc.edu]
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.

**Heidelberg University, University of Munich, Germany**

Sweet Briar students of German may study for one term or for the entire academic year at Heidelberg University through the Heidelberg University exchange program or for one academic year in Munich with a program sponsored by Wayne State University.

Programs are also available at other universities in Germany and Austria. Interested students should contact the German faculty in the Department of Modern Languages and Literatures and the Director of International Studies.

**Urbino Exchange Program**

A scholars’ exchange program with the University of Urbino was established in 1994, and the College offers a full academic year at the university to the most qualified Italian major or minor as part of the exchange program. Candidates are expected to have completed at least two years of Italian with a minimum grade point average of 3.0. For more information on the program, financial arrangements, and scholarship aid, contact the Italian faculty in the Department of Modern Languages and Literatures and 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. For more information contact Professor John Goulde, <goulde@sbc.edu> and the Director of International Studies.

**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
[www.international.sbc.edu]

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. For more information, please contact the Junior Year in France office <jyf@sbc.edu> or consult the Web site <www.jyf.sbc.edu>.

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. For more information, please contact the junior Year in Spain office <jys@sbc.edu> or consult the Web site <www.jys.sbc.edu>.

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.

Directed Studies Program in Italy
A Directed Studies Program offering six credits, three for a language course tailored to the student’s previous knowledge of Italian language and three on Italian Renaissance literature, is taught in English in Urbino, Italy. This four-week program meets daily in July and includes excursions and visits to museums in the cities of Florence, Ravenna, Perugia, Assisi, Rome, and Urbino. The program includes room and board, and transportation from the States to Italy. Meals during the excursions are not included. Please contact Professor Rosalia Ascari for more information, <ascari@sbc.edu>.

German Summer Program in Münster
Sweet Briar, in conjunction with Vassar College and the College of William and Mary, conducts an intensive seven-week summer program of travel and study in Germany. The
program entails a five-day informal trip through Germany, a five-week home-stay with a German host family, and a five-day excursion to Berlin. While in Münster, students take courses in German conversation, literature, grammar, and culture. Students who successfully complete the program receive six semester hours of credit. Minimum requirements are the completion of GRMN 101 and GRMN 102 or the equivalent, and the recommendation of the instructor. For more information, consult the German faculty in the Department of Modern Languages and Literatures.

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.

The Sweet Briar London Theatre Tour
The Sweet Briar London Theatre Tour is offered every other summer. This class, which carries three hours of credit, travels to London where students attend over a dozen plays, tour the British Museum, the Theatre Museum in Covent Garden, Westminster Abbey, St. Paul’s Cathedral, the Globe reconstruction on the South Bank, the National Gallery, and a variety of other historical and cultural institutions. The class also takes tours of theatres like the National Theatre and the Haymarket Theatre. The class takes weekend excursions, including one to Stratford-upon-Avon, where they see two more plays. The class carries a fee, which includes room, board, travel, and theatre admissions. For more information contact Bill Kershner, professor of theatre arts, <kershner@sbc.edu>.

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 [www.dean.sbc.edu]

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.

Academic Regulations

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>
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<tr>
<th>Grade</th>
<th>Description</th>
<th>Quality Points</th>
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<th>Earn Credit</th>
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<tr>
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<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>

*A 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 College 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>60.00-89.99</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 non-credit 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>1.90</td>
</tr>
<tr>
<td>5</td>
<td>97</td>
<td>2.00</td>
</tr>
<tr>
<td>6</td>
<td>120</td>
<td></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 College.
Requirements for the Degree

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

A student who chooses to study at Sweet Briar should understand that she is electing to come to a college of liberal arts and sciences, and that earning its degree requires a certain depth and breadth in her selection of courses. Working with her academic advisor, a student will plan her academic program to cover required skills, experiences, and knowledge areas, as well as to fulfill her 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 by students who major in the departments of biology, chemistry, environmental studies, mathematical and computer 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 her academic program to meet those requirements.

Requests for exceptions to the requirements for the degree may be referred by the Dean of the College to the Eligibility Committee for consideration.

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. 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 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. 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 12 semester credit hours of internship/practicum credit may be counted toward a degree. No more than 18 semester credit hours of summer school 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 transfer additional credits for summer courses 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 Program
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, and 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: the first-year writing requirement, a Skills requirement, a Physical Activity requirement, and a 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, 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 exempted from the first-year writing requirement 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.

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 other General Education requirements such as “Experiences” or “Knowledge Areas,” 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; and (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 two oral-intensive courses (6 credit hours) at least one of which must be in her major. 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 (unless exempted) plus three other writing-intensive courses (9 credit hours) including at least one course in her major. 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.

Quantitative Reasoning Requirement
To increase her proficiency in using and analyzing quantitative information, a student is required to pass two courses (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.

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 compe-
tition, master classes in dance, or workshops in movement (e.g. Alexander Technique, yoga).

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.

General Education Requirements Outline

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

Skills
1) Oral Communication (6 credits)
- Course designation is III.O.
- One course must be in the major.

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

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

Experiences
1) Physical Activity (2 credits)
- Course designation is IV.3.

Knowledge Areas

1) 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.

2) 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.

3) 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.

4) 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.

5) 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.

6) 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.

7) 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.

8) 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.

General Education Requirement Restrictions
No more than three knowledge area requirements may be satisfied by courses from one department. At least one course in the knowledge areas must be taken in the departments of anthropology, sociology, economics, or government.

Courses taken to fulfill Knowledge Area requirements may fulfill Skills requirements as well as major and minor requirements. A course may be listed in, and may be taken to fulfill, no more than two knowledge areas and one skill area or one knowledge area and two skills areas.

For some students Knowledge Area V.3 will require 6-12 hours because a minimum intermediate skill level is needed. A student for whom English is a second language may fulfill Knowledge Area V.3 by taking English 104 and one literature course in English that does not include translations of works in her native language.

The Pass/Credit/No Credit grading option is not allowed for a student taking a foreign language at the elementary or intermediate level unless the student has already fulfilled her foreign language requirement.

Some courses taken in a student’s major or minor field may count toward fulfilling general education requirements. An entering student may satisfy a general education requirement by a score of 4 or 5 on a CEEB Advanced Placement Test if the material covered by the test is appropriate to that particular requirement. General education requirements may also be satisfied by transfer credit after evaluation by the Registrar’s Office.

Students in the 3-2 engineering program and those who study abroad are still required to pass three writing intensive courses in addition to the first-year writing requirement. To meet the writing skills requirement, these students may take two writing intensive courses in one year or obtain approval from the Registrar’s
Office to count a course taken elsewhere. Only one so approved outside course may be counted toward the writing skills requirement.

Transfer students are required to take one writing-intensive course for each year they attend Sweet Briar College.

**Major Requirements**

Students are allowed to declare a major at any time, but are required to do so in the second term of the sophomore year. At that time, a student must plan with her major advisor a program for the junior and senior years. A student must complete the major requirements specified in the departmental statement. A minimum 2.00 grade point average in the major is required for graduation. The major grade point average calculation includes all courses taken in a department that can count towards the major, as well as all other courses that are applied to the major requirements as designated by each department. Each senior must pass the senior culminating exercise in her major as designated by the department. This culminating exercise must be completed at Sweet Briar College.

**Majors**

The following majors are offered:

- Anthropology
- Archaeology
- Biochemistry and Molecular Biology
- Biology
- Business
- Chemistry
- Classics
- Dance
- Economics
- Engineering Management
- Engineering Science
- English
- English and Creative Writing
- Environmental Science
- Environmental Studies
- French
- German
- German Studies
- Government
- History
- History of Art
- International Affairs
- Italian Studies
- Liberal Studies
- Mathematical Economics
- Mathematics
- Mathematics-Physics
- Modern Languages and Literatures
- Music
- Philosophy
- Physics
- Psychology
- Religion
- Sociology
- Spanish
- Studio Art
- Theatre

**Self-designed Interdisciplinary Majors**

A self-designed major may be planned by a student in consultation with a faculty advisor from a sponsoring department or program (with approval of the department or program involved) and representatives of the other department(s) or program(s) involved. The major must include at least 36 credit hours. It should be comparable in rigor and philosophy to other majors offered at Sweet Briar, show a progression in complexity, and include a designated culminating experience. Normally, a minimum of 18 credits should be in the sponsoring department or program; a minimum of 27 credits must be at the 200-level or above. At least 9 of the 27 credits must be at the 300-level or above. The culminating experience may be one of these courses. A student must have a grade point average of 3.00 before she will be permitted to undertake this type of major.
The student and her principal faculty advisor should submit the Self-designed Interdisciplinary Major Proposal to the Dean of the College by March 15 of the student’s sophomore year, and at this time any proposed independent study courses must have a description comparable to that of a typical course. The proposal should be signed by the chair of the sponsoring department or program and by other faculty members who have contributed to the proposal. The proposal will be reviewed by a standing subcommittee of the Instruction Committee consisting of the Dean and two faculty members appointed by the Chair of the committee. The subcommittee may approve, approve with emendations, or reject the proposal. An accepted program of study may be amended after its acceptance by petition to the Dean, who will consult the subcommittee.

Double Majors and Double Minors
A student may declare, complete, and have recorded a double major and/or a double minor by fulfilling the requirements for each as stated in the Catalog. With some exceptions, students may double count courses toward majors and minors. Departmental double counting restrictions are allowed and must be specified in the department sections of the Catalog. Consult the Catalog and the major or minor advisor when planning courses to satisfy requirements.

Minors
Requirements include a minimum of 18 credit hours in a department, at least six of which shall be on an advanced level, as defined by the department. A grade point average of not less than 2.00 in the minor is required. The minor grade point average calculation includes all courses taken in the department(s) that can count towards the minor, as well as all other courses that are applied to the minor requirements as stated in the Catalog. Unless further restricted by an academic department, no more than two courses counted toward a minor may be taken on a Pass/Credit/No Credit grading option.

Minors
- Anthropology
- Archaeology
- Biology
- Business
- Chemistry
- Classics
- Communications
- Dance
- Economics
- Engineering Science
- English
- English and Creative Writing
- Environmental Science
- Environmental Studies
- Film Studies
- French
- Gender Studies
- German
- Government
- History
- History of Art
- Italian
- Latin American Studies
- Law and Society
- Mathematics
- Music
- Musical Theatre
- Philosophy
- Physics
- Psychology
- Religion
- Sociology
- Spanish
- Studio Art
- Theatre
Interdepartmental Majors
Any student who declares an interdepartmental major listed below will not be allowed to declare an additional major or minor in any of the individual disciplines related to the interdepartmental major.

- Biochemistry and Molecular Biology
- Engineering Management
- German Studies
- International Affairs
- Italian Studies
- Mathematical Economics
- Mathematics-Physics

Certificate Programs
Certain certificate programs can be combined with a major. Coordinate programs include:

- Arts Management Certificate
- Equine Studies Certificate

Teacher Licensure
Students interested in teacher licensure will complete a five-year program that results in earning both a Bachelor’s degree (after the fourth year) and a Master of Arts in Teaching degree (after the fifth year). This five-year program allows the completion of teacher licensure requirements (valid in 48 states including Virginia) and student teaching while simultaneously earning a master’s degree. The fifth year of this program is offered on a non-residential, co-educational basis.
Courses of Instruction

Course Numbers
Course numbers indicate in a general way the level of instruction. Numbers below 200 indicate introductory courses: 200-299 intermediate; 300-399 advanced; and above 400, courses normally open to seniors, majors and others of unusual ability.

Credits
The number of semester credit hours that each course carries is indicated in parentheses in the following course descriptions.

Course Offerings
The courses listed in the Courses of Instruction are those that the faculty has approved. Not all courses are offered every year. For offerings in a specific year or semester, students should consult the Schedule of Courses which is published by the Office of the Registrar.

The cycle at which a particular course is offered may be described in the course description. Some courses are offered every semester, others are offered once a year, and a few are offered as needed. Sweet Briar College is committed, however, to offering to its students those courses needed to complete their general, major, and minor requirements. Students should work closely with their advisors to insure that they take needed courses when offered. With exceptions, odd-numbered courses are usually offered in the fall semester and even-numbered courses in the spring semester.

Prerequisites and Co-requisites
The prerequisites and co-requisites for each course are described in italics at the beginning of each course description. A course which has no prerequisites listed is usually open to first-year students. Students who have not met the stated prerequisites for a particular course may still register for the course if they receive the permission of the instructor prior to registration. Courses which list “permission of the instructor” as the prerequisite may have additional, unstated prerequisites. In such a case, the instructor will ascertain if such prerequisites have been met before giving the student permission to register for the course.

First-Year Students
Courses with no stated prerequisites are open to first-year students. The courses are usually, but not always, numbered below 200. Courses with a prerequisite of permission of the instructor, may be open to first-year students. Consult the instructor for more information.

Directed, Special, and Independent Studies
Directed, special, and, independent studies (numbered 261, 361, and 461 respectively) are offered in many departments. These courses require the permission of the instructor in addition to any other published prerequisites. Special forms, available in the Registrar’s Office, are required to register for these courses.

Internships
Internships (numbered 377) are offered in many departments. The prerequisite for an internship is the permission of the instructor. Special forms, available in the Career Services Office, are required to register for internships.

General Education Program Requirements
Courses which satisfy any of the general education requirements have those codes at the end of the course description. Consult the Schedule of Courses each semester for updates of courses which satisfy general education requirements.

Major, Minor, and Program Requirements
Students usually complete the major, minor, or certificate requirements in effect at the time the student makes her declaration.

Disclaimer
Every effort has been made to insure the accuracy and completeness of these Courses of Instruction. The information included is accurate at the time of printing. However, Sweet Briar College reserves the right to make necessary and desirable changes in policies and program requirements.
Anthropology and Archaeology

Anthropology, the study of humankind, investigates the entire range of human social relations across cultures and over time. Its holistic perspective encourages students to engage in the comparative study of production systems, gender roles, family and kinship relations, political order, and religious beliefs in societies throughout the world. In cultural anthropology, ritual symbols, cosmological systems, and forms of social organization, economics, and politics are examined from the cross-cultural perspective. The department offers major and minor programs in anthropology.

In archaeology, prehistoric and historic aspects of culture are developed. The major and minor in archaeology allows students to study the methods and theories of archaeology from an interdisciplinary perspective. Students are exposed to the basic methods of archaeology, the theories of prominent classes of archaeology, and to major archaeological discoveries and their interpretations. Each student is also required to conduct research and work with artifact collections held by the College or by neighboring historical institutions. In addition to required courses, the minor includes several discipline-based adjunct courses, allowing the student to focus her attention on a specific field within archaeology. 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 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
ANTH 452 (3) - Senior Seminar

Choose 1 of the following courses:
ANTH 215 (3) - Peoples and Cultures of Africa
ANTH 268 (3) - Peoples and Cultures of the Mediterranean
ANTH 270 (3) - Peoples and Cultures of South Asia
Or an approved Peoples and Culture course offered by the anthropology department.

Choose 1 of the following courses:
ANTH 317 (3) - Ecological Anthropology
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.

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

Note: For the major in anthropology, 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 Anthropology Minor
(18 semester hours)

Choose 6 three-credit courses in anthropology excluding internships. No more than one directed, special, or independent study may be counted toward the minor; at least two three-credit courses must be at or above the 300-level.
# The Archaeology Major

*(32-34 semester hours)*

**Required:**
- ANTH 114 (3) - Introduction to Archaeology
- ANTH 115 (3) - Archaeological Field Methods
- ANTH 221 (3) - Culture, Society, and the Individual
- ENVR 316 (3) - Introduction to Geographic Information Systems

**Senior Exercises:**
- ANTH 451 (1) - Senior Workshop
- 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
- ANTH 224 (3) - Ethnography
- ARMG 209 (3) - The Museum, Theory and Practice
- HIST 105 (3) - Doing Sweet Briar History

**Choose 2 of the following courses:**
- ARCH 207 (3) - Rise and Fall of Civilizations
- ARCH 223 (3) - Women and Gender in Archaeology
- ARCH 265 (3) - Archaeology of Everyday Life
- ARCH 303 (3) - Archaeology of Ancient Egypt
- ARCH 310 (3) - Archaeology of Death
- CLAS 211 (3) - Roman Art and Archaeology

**Choose 1 of the following courses:**
- ANTH 281 (3) - Visual Anthropology
- ANTH 317 (3) - Ecological Anthropology
- ANTH 334 (3) - Gifts and Commodities
- ARCH 223 (3) - Women and Gender in Archaeology
- ARCH 310 (3) - Archaeology of Death
- ARMG 209 (3) - The Museum, Theory and Practice

**Choose 1 of the following courses:**
- ARTH 221 (3) - American Arts I
- ARTH 229 (3) - British Architecture and Decorative Art
- ARTH 232 (3) - Greek Art and Archaeology
- BIOL 104 (3) - Plants and Human Affairs
- CLAS 201 (3) - Classical Mythology
- CLAS 205 (3) - Ancient Greece
- CLAS 208 (3) - Society and Culture in the Roman Empire
- ENVR 131 (3) - Physical Geography: Landscapes
- ENVR 316 (3) - Introduction to Geographic Information Systems
- HIST 105 (3) - Introduction to History: Doing Sweet Briar History
- HIST 127 (3) - English History, 1500-1689
- HIST 223 (3) - The Ancient World, 8000 BC to 300 AD

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

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# The Archaeology Minor

*(18 hours)*

**Required:**
- ANTH 114 (3) - Introduction to Archaeology
- ANTH 115 (3) - Archaeological Field Methods
- ARCH 461 (3) - Independent Study

**Choose 2 or more of the following courses:**
- ARCH 207 (3) - Rise and Fall of Civilizations
- ARCH 265 (3) - Archaeology of Everyday Life
- ARCH 303 (3) - Archaeology of Ancient Egypt
- CLAS 211 (3) - Roman Archaeology and Art

**Choose 1 or more of the following courses:**
- ANTH 281 (3) - Visual Anthropology
- ANTH 317 (3) - Ecological Anthropology
- ANTH 334 (3) - Gifts and Commodities
- ARCH 223 (3) - Women and Gender in Archaeology
- ARCH 310 (3) - Archaeology of Death
- ARMG 209 (3) - The Museum, Theory and Practice
- ARTH 221 (3) - American Arts I
- ARTH 229 (3) - British Architecture and Decorative Art
- ARTH 232 (3) - Greek Art and Archaeology
- BIOL 104 (3) - Plants and Human Affairs
- CLAS 201 (3) - Classical Mythology
- CLAS 205 (3) - Ancient Greece
- CLAS 208 (3) - Society and Culture in the Roman Empire
- ENVR 131 (3) - Physical Geography: Landscapes
- ENVR 316 (3) - Introduction to Geographic Information Systems
- HIST 105 (3) - Introduction to History: Doing Sweet Briar History
- HIST 127 (3) - English History, 1500-1689
- HIST 223 (3) - The Ancient World, 8000 BC to 300 AD
HIST 225 (3) - The U.S. South
HIST 241 (3) - America, Origins to 1877
HIST 272 (3) - Pre-Colonial African History
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, including ARCH 461, must be at the 300-level or above.

Course Descriptions – Anthropology

ANTH 112 (3) – Cultural Anthropology
A broad, general introduction to selected concepts and topics in cultural anthropology. A number of ethnographies from different world regions will be read and questions about differing social practices and cultural values will be explored, along with questions about how anthropologists examine the objects of their studies–persons, cultures, societies. The course is designed primarily for first- and second-year students with little background in social sciences. V.4.

ANTH 114 (3) – Introduction to Archaeology
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 115 (3) – Archaeological Field Methods
This course reviews basic principles of archaeological method and theories, and teaches students field techniques. Participants conduct archaeological reconnaissance survey, learn to excavate a site, analyze and conserve artifacts in the archaeology lab, and participate in field trips to local sites. V.1.

ANTH 215 (3) – Peoples and Cultures of Africa
A survey of selected African societies. Africa has been the site of invention of anthropological concepts and problems, and the course introduces students to studies in kinship and social structure, religion and ritual, bodily constructs and healing practice, women’s experiences and gender constructs, and performance studies across the continent. The course emphasizes colonial transformations and how general, popular images of Africa are engaged by anthropological practice. V.4.

ANTH 221 (3) – Culture, Society and the Individual
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? How do we account for change and diversity? Where do we locate creativity and practice? The course introduces these questions through the examination of theoretical sources and selected ethnographic texts. V.5.

ANTH 224 (3) – Ethnography
Prerequisite: ANTH 112.
A critical evaluation of the ways anthropologists study non-Western cultures and the ways anthropologists shape the disparate data they have collected into coherent narratives. A practical introduction to fieldwork techniques and to the conventions of anthropological writing. III.W, V.5.

ANTH 233 (3) – Cultural Perspectives on the Family and Society
Prerequisite: ANTH 112; instructor permission may be given to students who have taken upper-level social science courses. This course examines social relations in the family and society at large. Changing forms of social institutions within the family such as gay and lesbian marriage, the division of labor, new reproductive technologies, and adoption are contrasted with traditional forms. The metaphor of “family” as it applies to such diverse social groups as the mafia, the workplace, and cults is examined. Offered alternate years. V.5.

ANTH 238 (3) – The Anthropology of Globalization
Prerequisite: ANTH 112. 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 mar-
kets and the flow of people, goods and ideas, neoliberalism and the rise of nonstate 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.7.

ANTH 261 (1, 2, or 3)—Directed Study
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. This course is graded P/CR/NC only.

ANTH 268 (3)—Peoples and Cultures of the Mediterranean
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 270 (3)—Peoples and Cultures of South Asia
A comprehensive study of South Asian cultures, including Tibet and Nepal, India and Sri Lanka, Thailand and Cambodia, and Indonesia-Bali. The ethnographics examined will include cosmology, religious philosophy and art, political and social-economic organization, as well as interaction with the West and trends of modern development. The instructor will draw on various models of analysis and anthropology fieldwork in India and Nepal. V.4, V.5.

ANTH 272 (3)—Peoples and Cultures of the Middle East
In this course we will survey cultural traditions within a variety of Middle Eastern countries. For each country we will analyze kinship networks, gender relationships, political organization, religion, urbanism, and contemporary issues. Students will study centers of Middle Eastern civilization and apply an anthropological approach to studying political formations within local contexts. Offered every two years. V.4, V.5.

ANTH 274 (3)—Sex and Gender: An Anthropological Perspective
Are relations of power and status between men and women always unequal? Are gender differences always linked to the same notions of sexuality and sexual practice? These questions will be explored by looking at the ways people in various cultures throughout the world define and maintain gender distinctions and order, and conceptualize sexuality. May be counted as a core course toward the minor in gender studies. V.5.

ANTH 281 (3)—Visual Anthropology
Prerequisite: ANTH 112. This course explores images of the cultural other, as seen in ethnographic and documentary photographs, films, museums and other visual media. 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 a series of films, visual media, and readings. V.5.

ANTH 282 (3)—Anthropology and the Body
Prerequisite: ANTH 112. A detailed exploration of the body as a cultural construct. The class will examine how the body is imagined through a variety of discourses, including disease, illness and healing; ritual; age and gender; and the political economy of domination and resistance. V.5.

ANTH 310 (3)—The Anthropology of Identity and Citizenship
Prerequisites: Two ANTH courses. This course examines the processes through which people come to think of themselves as part of a group united by shared values, practices, or substances, and the ways in which such identities figure in political contexts. The course also looks at how people relate to and shape political contexts, including “the state,” examining such concepts as civil society and the public sphere. Offered alternate years. V.7.

ANTH 317 (3)—Ecological Anthropology
Prerequisite: ANTH 112, one anthropology course at the 200-level, or ENVR 101. Ecological and materialist approaches in anthropology are introduced in this course. The cross-cultural analysis of production and economy will be
examined in foraging, pastoralism/ ranching, and agricultural systems in local and regional environments. Contemporary issues include global ecology, sustainable food production systems, and human population growth. V.5.

ANTH 325 (3)–Special Topics in Anthropology
Prerequisites: Two anthropology courses, including one at or above the 200-level. An intensive study of a selected topic in anthropology, to be determined by the students and the instructor.

ANTH 328 (3)–Ritual and Worldview
Prerequisites: ANTH 112 and one anthropology course at or above the 200-level. 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 (3)–Gifts and Commodities: The Construction of Value in Social Life
Prerequisites: ANTH 112 and one anthropology course at or above the 200-level. 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. III.O.

ANTH 361 (1, 2, or 3)–Special Study
Prerequisites: Three anthropology courses, including one at the 200-level 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 taken on a P/CR/NC grading option only.

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

ANTH 451 (1)–Senior Workshop
Prerequisites: ANTH 221 and two additional courses in anthropology or sociology. This is a required 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 reading lists, bibliographies, and research materials for the seminar. We will also discuss career planning and how the anthropology major has prepared students for a variety of post-graduation paths.

ANTH 452 (3)–Senior Seminar
Prerequisite: ANTH 451. An examination of the core concepts of anthropology through focused discussion of contemporary topics in anthropology. These topics will be selected by students and professor prior to the beginning of the course each year. III.O, III.W.

ANTH 461 (1, 2, or 3)–Independent Study
Prerequisites: One 100-level ANTH course, one 200-level ANTH 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 taken on a P/CR/NC grading option only.

Course Descriptions–Archaeology

ARCH 207 (3)–Rise and Fall of Civilizations
Prerequisite: Not open to students who have credit for both ARCH 201 and ARCH 202. 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 pre-industrial civilizations, the course examines the role of cultural values in shaping the organization of early societies. III.O, V.1.

ARCH 223 (3)–Women and Gender in Archaeology
Women’s varied roles in past societies have only been seriously studied by archaeologists in the last few decades. How do we recognize and
interpret gender in the archaeological record? How do we know what the lives of women, as slaves, household members, and queens, were like? To what extent have our understandings of women in the past been influenced by the roles and perceptions of women in modern society?

ARCH 261 (1, 2, or 3)—Directed Study
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 (3)—Archaeology of Everyday Life
Prerequisite: ANTH 114. 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.

ARCH 303 (3)—Archaeology of Ancient Egypt
Prerequisite: ARCH 207 or ARCH 265. This course focuses on the emergence of complex society and daily life in Egypt between 3500 BCE and ca. 30 BCE. We will study Egyptian society, politics, religion, and economy. The course uses archaeological, textual, and ethnographic evidence to reconstruct life in Egyptian cities and villages. We will analyze the environment, temples, palaces, houses, trade, crafts, warfare, and mortuary customs. Offered alternate years.

ARCH 310 (3)—Archaeology of Death
Prerequisite: ANTH 114 and one course in archaeology 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 361 (1, 2, or 3)—Special Study
Prerequisites: 100-level 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 (1, 2, or 3)—Internship
Prerequisites: Three credits in ARCH and permission of instructor, department chair, and dean. This course is graded P/CR/NC only.

ARCH 461 (1, 2, or 3)—Independent Study
Prerequisites: One 100-level ARCH course, one 200-level ARCH 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 Arts Management Program

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 semester hours)

Required:
ARMG 105 (4) - The Arts Organization
APLOMB: Audience, Program, Leadership, Outreach, Mission, and Balance
ARMG 141 (1) - Arts Management Practicum I
IART 101 (1) - Fine Arts Workshop
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 202 (3) - Curating, Collecting and Connoisseurship: Behind the Ropes at Sweet Briar Museum
ARMG 209 (3) - The Museum, Theory and Practice
ARMG 306 (3) - The Art Market
ARMG 311 (3) - Leadership Paradigms in the Arts

Choose 6 additional credits from other courses in arts management and/or from the following electives:
ANTH 114 (3) - Introduction to Archaeology
ANTH 115 (3) - Archaeological Field Methods
ANTH 224 (3) - Ethnography
ANTH 281 (3) - Visual Anthropology
ANTH 334 (3) - Gifts and Commodities: The Construction of Value in Social Life
ARTS 213 (3) - Digital Design I
ARTS 313 (3) - Digital Design II
BIOL 218 (3) - Field Natural History
BUSN 127 (3) - Accounting I
BUSN 131 (3) - Fundamentals of Management
BUSN 150 (3) - Fundamentals of Marketing
BUSN 351 (3) - Marketing Research
DANC 341 (3) - Methods of Teaching Creative Movement and Dance
EDUC 107 (3) - Appropriate Teaching Practices in Early Childhood Education
EDUC 211 (3) - Teaching Diverse Learners
ENGL 228 (3) - The Art of the Essay
HIST 105 (3) - Introduction to History: Doing Sweet Briar History
HIST 312 (3) - Virginia: History and Memory
MATH 106 (3) - Statistical Reasoning
PHIL 224 (3) - Ethics: Theories and Application
SOCI 451 (3) - Research Methods
THTR 152 (3) - Interpersonal Communication
THTR 202 (3) - Business and Professional Speaking
THTR 350 (3) - Group and Organizational Communication

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 (4) - The Arts Organization
APLOMB: Audience, Program, Leadership, Outreach, Mission, and Balance

Behind the scenes at arts organizations is characterized by high energy productivity, dedicated workers, small budgets, ephemeral audiences, and a gap between earned income and cost of production. This course introduces the world and culture particular to arts institutions. Readings, classroom discussions, field trips, guest speakers, and hands-on fieldwork will provide the source materials for the course. III.O, III.W.

ARMG 141 (1) - Arts Management Practicum I

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. May be taken on a P/CR/NC grading option only.
ARMG 202 (3)–Curating, Collecting and Connoisseurship: Behind the Ropes at Sweet Briar Museum
Prerequisite: ARMG 105. The Sweet Briar Museum contains examples of every significant period of nineteenth-century decorative arts. The museum collection will serve as a case study in the presentation and interpretation of historic interiors. Students will gain curatorial experiences that provide a firm foundation in the technical and theoretical skills, such as scholarship, connoisseurship and object handling, expected of museum professionals. III.O.

ARMG 209 (3)–The Museum, Theory and Practice
Prerequisite: ARMG 105. A course of study combining museum theory with case studies. Students will examine museum governance, collections, exhibitions, conservation, educational programs, funding, audience, marketing ethics, and special problems/issues relevant to different types of museums. Offered alternate years. III.W.

ARMG 241 (2)–Arts Management Practicum II
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. May be taken on a P/CR/NC grading option only.

ARMG 261 (1, 2, or 3)–Directed Study
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 306 (3)–The Art Market
Prerequisite: ARMG 105. This course will examine the various ways in which objects reach the art market, concentrating on the role of auction houses, galleries, and museums in shaping the treatment of art as a cultural commodity. An understanding of central issues that influence the buying and selling of art–tax laws, the perception of artworks as investments, and aesthetic appreciation of the works–will be reached through lectures, readings, and visits to galleries, auctions, museums and private collections. This course cannot be taken on a P/CR/NC grading option. III.W, V.6a.

ARMG 311 (3)–Leadership Paradigms in the Arts
Prerequisite: ARMG 105. Students will examine the integration of leaders and arts organizations, their history, evolution, culture, and theory. Through case studies, arts leadership will be explored in units on creativity, ethics, the artist-cum-leader, political advocacy, program development, oral and written persuasion, and evaluating instances of success vs. failure. Offered alternate years. III.O, V.6a.

ARMG 341 (3)–Arts Management Practicum III
An intensive apprenticeship in a particular area of the arts, such as exhibitions, cataloguing, 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. May be taken on a P/CR/NC grading option only. A minimum of 120 hours is required.

ARMG 361 (1, 2, or 3)–Special Study
Prerequisites: 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 (1, 2, or 3)–Internship
Prerequisites: Three credits in ARMG and permission of instructor, department chair, and dean. This course is graded P/CR/NC only.

ARMG 461 (1, 2, or 3)–Independent Study
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.
Asian Studies

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

Course Descriptions

**ASIA 206 (3)—Chinese and Japanese Literature in Translation**
*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 (3)—Chinese Cinema**
*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. *May be counted toward the minor in film studies.* This course may not be taken on a P/CR/NC grading option. V.4.

**ASIA 235 (3)—Asian Civilizations I**
*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 (3)—Asian Civilizations II**
*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 (1, 2, or 3)—Directed Study**
*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 (1, 2, or 3)—Special Study**
*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 (1, 2, or 3)—Independent Study**
*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.

Other courses of interest:
- ANTH 270 (3) - Peoples and Cultures of South Asia
- ARTH 237 (3) - Peoples and Cultures of South Asia
- ECON 256 (3) - Development Economics
- GOVT 201 (3) - Government and Politics of East Asia
- RELG 221 (3) - Hindus, Jainas, and Sikhs
- RELG 222 (3) - Buddhism
- RELG 231 (3) - Taoism
- RELG 263 (3) - Asian Philosophies

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 appli-
cation 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.)
(36-38 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 351 (3) - Independent Research
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.

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

Notes: The BIOL 351 option for the Senior Exercise may be satisfied by completion of Sweet 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.

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.

The Biology Major (B.S.)
(64-65 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 (4) - General Chemistry
CHEM 141 (1) - General Chemistry Lab
CHEM 231 (4) - Organic Chemistry I
CHEM 233 (1) - Organic Chemistry I Laboratory
Senior Exercise:
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 106, 119, 120, 125), computer science (except CSCI 171), engineering, mathematics (except MATH 106, 113, 211, 213), physics (except PHYS 103, 105, 107, 113, 114), psychology, or from the following courses in environmental studies: ENVR 202, 208, 228, 244, 309, 316, 322, 433, and 416). Eight of these 12 credits must be in departments other than biology and chemistry.

At least 20 semester hours of coursework applied towards the major must taken at Sweet Briar College.
Note: The BIOL 351 option for the Senior Exercise may be satisfied by completion of Sweet 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.

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.

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

Note: 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.

Teacher Licensure
(55 semester hours)

Required:
1. A bachelor of arts or bachelor of science degree in biology which must include 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)

2. A minimum of 16 credit hours in non-biology science courses including:
   • CHEM 131, CHEM 141, CHEM 231 and CHEM 232
   • one course in physics (PHYS 105, PHYS 121, or PHYS 171)
   • one course in earth science (ENVR 131 or PHYS 113)

3. A minimum of 3 credit hours in mathematics or statistics chosen from 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 (4)—Life Science by Inquiry
Emphasis will be placed on hands-on, inquiry-based explorations of the basic principles of life science. Students will study essential concepts that include cell and molecular biology, organismal biology, and ecology. Students will also gain experience in independent investigation and the development and implementation of their own hands-on exercises and experiments. This course may not be counted towards the major or minor in biology.

BIOL 104 (3)—Plants and Human Affairs
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. Three hours lecture. V.8a.
BIOL 107 (1)–Laboratory in Plants and Human Affairs
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 (4)–Introduction to Organisms
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 (3)–Introduction to Cells
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. Three hours lecture. V.8a.

BIOL 113 (1)–Introductory Laboratory Techniques
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 (4)–Human Anatomy and Physiology I
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 (3)–Genetics
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, extranuclear genomes, and population genetics. Four hours lecture and discussion. V.8a.

BIOL 206 (1)–Laboratory in Genetics
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 (3)–Marine Biology
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 (4)–The Plant Kingdom
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. III.W, V.8ab.

BIOL 216 (4)–Insect Biology
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 (4)—Field Natural History  
**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 222 (4)—Animal Behavior  
**Prerequisites:** BIOL 111; and one additional 3- or 4-credit course in biology, 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.* III.W, V.8a.  

BIOL 228 (4)—Microbiology  
**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 (4)—Comparative Vertebrate Morphology  
**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 (4)—Human Anatomy and Physiology II  
**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 (1, 2, or 3)—Directed Study  
**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 (4)—Plant Physiology  
**Prerequisites:** BIOL 112, BIOL 113; and BIOL 104 or BIOL 214. An exploration of how plants function, including the flowering process, dormancy, hormonal regulation, nutrition, and behavior. Examples from applied areas of the plant sciences such as agriculture and horticulture will be discussed. Three hours lecture and one three-hour laboratory. Offered alternate years.  

BIOL 303 (4)—Principles of Development  
**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 (4)—Evolution  
**Prerequisites:** BIOL 205 and one additional 200-level biology course. *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. Offered alternate years. III.O.
BIOL 316 (3)–Seminar in Conservation Biology
Prerequisites: BIOL 324; and BIOL 205, ENVR 316, or ENVR 329. 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 324 (4)–Ecology
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, three hours laboratory/discussion. III.Q, V.8a.

BIOL 326 (4)–Comparative Animal Physiology
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 (4)–Cell and Molecular Biology
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 (2)–Experimental Laboratory in Cell and Molecular Biology
Prerequisites: BIOL 205, BIOL 206, and one year of chemistry; or CHEM 321 and permission. 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 (3)–Independent Research
Prerequisite: 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 (1, 2, or 3)–Special Study
Prerequisites: Three credits in BIOL and permission of instructor, department chair, and dean. This course is graded P/CR/NC only.

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

BIOL 450 (1)–Senior Exercise
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 452 (1)–Senior Colloquium
A seminar on topics in biology. Required of all senior majors.

BIOL 461 (1, 2, or 3)–Independent Study
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.
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 306 (4) - Microbiology
BIOL 342 (4) - Cell and Molecular Biology
BIOL 344 (2) - Experimental Laboratory in Cell and Molecular Biology
CHEM 131 (4) - General Chemistry
CHEM 141 (1) - General Chemistry Lab
CHEM 231 (4) - Organic Chemistry I
CHEM 232 (4) - Organic Chemistry II
CHEM 233 (1) - Organic Chemistry I Lab
CHEM 234 (1) - Organic Chemistry II Lab
CHEM 252 (4) - Introduction to Quantitative and Inorganic Chemistry
CHEM 253 (1) - Introduction to Quantitative and Inorganic Chemistry Laboratory
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 341 (3) - Intermediate Laboratory I
CHEM 342 (3) - Intermediate Laboratory II
MATH 123 (4) - Calculus I
MATH 124 (4) - Calculus II
PHYS 171 (4) - General Physics I
PHYS 172 (4) - General Physics II

Senior Exercise:
Choose 1 of the following courses:
BIOL 351 (3) - Independent Research
CHEM 451 (3) - Senior Research

Business

See Department of Economics and Business on page 79.

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.)

(48-50 semester hours)

Required prerequisites (or exemption by placement):
CHEM 131 (4) - General Chemistry
CHEM 141 (1) - General Chemistry Lab

Required:
CHEM 216 (3) - Analytical Chemistry
CHEM 226 (1) - Environmental Analytical Chemistry Lab
CHEM 231 (4) - Organic Chemistry I
CHEM 232 (4) - Organic Chemistry II
CHEM 233 (1) - Organic Chemistry I Lab
CHEM 234 (1) - Organic Chemistry II Lab
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 (4) - Calculus II

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

Choose 1 of the following physics sequences:

Sequence A
PHYS 171 (4) - General Physics I
PHYS 172 (4) - General Physics II

Sequence B
PHYS 121 (3) - Principles of Physics I
PHYS 122 (3) - Principles of Physics II

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.)

(57 semester hours)

Required prerequisites (or exemption by placement):
CHEM 131 (4) - General Chemistry
CHEM 141 (1) - General Chemistry Lab

Required:
CHEM 216 (3) - Analytical Chemistry
CHEM 226 (1) - Environmental Analytical Chemistry Lab
CHEM 341 (3) - Intermediate Laboratory I
MATH 123 (4) - Calculus I
MATH 124 (4) - Calculus II

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

Choose 1 of the following physics sequences:

Sequence A
PHYS 171 (4) - General Physics I
PHYS 172 (4) - General Physics II

Sequence B
PHYS 121 (3) - Principles of Physics I
PHYS 122 (3) - Principles of Physics II

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.
CHEM 231 (4) - Organic Chemistry I
CHEM 232 (4) - Organic Chemistry II
CHEM 233 (1) - Organic Chemistry I Lab
CHEM 234 (1) - Organic Chemistry II Lab
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 (4) - Calculus II
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 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 223 (3) - Calculus III
PHYS 131 (1) - Introductory Physics Lab I
PHYS 132 (1) - Introductory Physics Lab II

**The Chemistry Minor**
*(23-24 semester hours)*

**Required:**
CHEM 131 (4) - General Chemistry
CHEM 141 (1) - General Chemistry Lab
CHEM 231 (4) - Organic Chemistry I
CHEM 232 (4) - Organic Chemistry II
CHEM 233 (1) - Organic Chemistry I Lab
CHEM 234 (1) - Organic Chemistry II Lab
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**
*(59 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 131 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 106 (4)—Chemistry by Inquiry
A hands-on, inquiry-based exploration of physical science with applications to chemistry and environmental science. Students will study topics including atomic theory, the nature of matter, chemical and physical change, and energy sources using appropriate tools and equipment in order to understand fundamental concepts. Students will also gain experience in independent investigation and the development and implementation of their own hands-on exercises and experiments. A nominal lab fee may be required for this course. Six hours of lecture/lab. V.8ab.

CHEM 119 (3)—The Development of Modern Science
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 (3)—Chemistry for the Liberal Arts I
A topical approach to modern chemistry. Areas of emphasis include environmental chemistry, biochemistry, medicinal chemistry, drugs, and nutrition. Three hours lecture and discussion. III.Q, V.8a.

CHEM 125 (1)—Chemistry for the Liberal Arts Laboratory I
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 (4)—General Chemistry
Prerequisite: Placement or permission; or CHEM 120. Prerequisite or 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. Four hours lecture and discussion. III.Q, V.8a.

CHEM 141 (1)—General Chemistry Laboratory
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 (3)—The Biochemistry of Human Nutrition
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 (3)—Analytical Chemistry
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 statis-
Chemical 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 (1)—Environmental Analytical Chemistry Laboratory**  
*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 per week.

**CHEM 231 (4)—Organic Chemistry I**  
*Prerequisites: CHEM 131 and CHEM 141. 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 (4)—Organic Chemistry II**  

**CHEM 233 (1)—Organic Chemistry I Laboratory**  
*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 (1)—Organic Chemistry II Laboratory**  
*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 (4)—Introduction to Quantitative and Inorganic Chemistry**  
*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 (1)—Introduction to Quantitative and Inorganic Chemistry Laboratory**  
*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 (1, 2, or 3)—Directed Study**  
*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 315 (2)—Molecular Modeling**  
*Prerequisite or co-requisite: CHEM 232.* A study of the applications of modern computational methods to a variety of chemical systems, including organic, inorganic and organometallic complexes. The course consists of a lecture/laboratory with a significant hands-on component in the application of the most modern chemical software available for chemical research purposes. Students will be instructed in the analysis of computational results and the application of these results to real chemical systems.
CHEM 321 (3)–Biochemistry I  
**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 (3)–Biochemistry II  
**Prerequisites:** CHEM 231; 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 (3)–Physical Chemistry: Quantum Mechanics and Spectroscopy  
**Prerequisites:** CHEM 252; MATH 124; and PHYS 122 or PHYS 171. 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 (3)–Physical Chemistry: Kinetics and Thermodynamics  
**Prerequisites:** CHEM 252; MATH 124; and PHYS 122 or 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 (3)–Intermediate Laboratory I  
**Prerequisite or co-requisite:** CHEM 331 or CHEM 332. 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 per week. III.W.

CHEM 342 (3)–Intermediate Laboratory II  
**Prerequisite or co-requisite:** CHEM 331 or CHEM 332. 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 per week. III.O.

CHEM 361 (1, 2, or 3)–Special Study  
**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 (1, 2, or 3)–Internship  
**Prerequisites:** Three credits in CHEM and permission of instructor, department chair, and dean. This course is graded P/CR/NC only.

CHEM 431 (3)–Instrumental Analysis  
**Prerequisites:** CHEM 216, CHEM 226, and CHEM 332. 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 (3)–Advanced Inorganic Chemistry

Prerequisite: CHEM 332. 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 (1)–Advanced Laboratory

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 per week.

CHEM 450 (3)–Advanced Organic Chemistry

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. Three hours lecture. Offered alternate years. III.O.

CHEM 451 (3)–Senior Research

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 (1, 2, or 3)–Independent Study

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.

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 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.

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
(33 semester hours)

Required:
Choose 4 three-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 4 additional three-credit courses in Greek, Latin, or from the following:
ARTH 232 (3) - Greek Art and Archaeology
CLAS 201 (3) - Classical Mythology
CLAS 205 (3) - Ancient Greece
CLAS 206 (3) - Greeks and the Other
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 425 (3) - The Roots of Western Thought

Senior Exercise:
CLAS 452 (3) - Senior Seminar

The Classics Major–Classical Civilization Concentration
(33 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
CLAS 201 (3) - Classical Mythology
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credits</th>
<th>Title</th>
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<tbody>
<tr>
<td>CLAS 205</td>
<td>3</td>
<td>Ancient Greece</td>
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<td>CLAS 206</td>
<td>3</td>
<td>Greeks and the Other</td>
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</tr>
<tr>
<td>PHIL 425</td>
<td>3</td>
<td>The Roots of Western Thought</td>
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</tbody>
</table>

Choose 2 additional three-credit courses in Classical Civilization or Greek or Latin.

Senior Exercise:
CLAS 452 (3) - Senior Seminar

Note: At least 2 courses in addition to the senior exercise must be at the 300-level or above. These may be chosen from Greek or Latin language courses at the 300-level or from the following: CLAS 307, CLAS 315, CLAS 318, or PHIL 425.

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 hours in Latin language beyond LATN 102.

The Philosophy Major
(27 semester hours)

Required:
PHIL 119 (3) - Logic
PHIL 224 (3) - Ethics: Theories and Applications
PHIL 275 (3) - Political Philosophy
PHIL 425 (3) - Roots of Western Thought
PHIL 436 (3) - Modernism to Postmodernism

Senior Exercise:
PHIL 452 (3) - Senior Seminar

Choose 3 additional three-credit courses in philosophy or from the following:
CLAS 205 (3) - Ancient Greece
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
PHIL 224 (3) - Ethics: Theories and Applications
PHIL 275 (3) - Political Philosophy
PHIL 425 (3) - The Roots of Western Thought
PHIL 436 (3) - Modernism to Postmodernism

Choose 1 additional three-credit philosophy course. With the permission of the department chair, RELG 302, The Comparative Philosophy of Religion will satisfy this requirement.
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) - Taoism
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 244 (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) - Taoism
RELG 248 (3) - Religions of Africa
RELG 263 (3) - Asian Philosophies

Choose 3 additional three-credit courses
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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 244 (3) - Ethics: Theories and Applications
SOCI 260 (3) - Sociology of Religion

Course Descriptions—Classics
The following courses do not require a knowledge of the Greek and Latin languages:

CLAS 201 (3)—Classical Mythology
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 (3)—Ancient Greece
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 206 (3)—Greeks and the Other
This course will examine Greek conceptions of self and other as seen through a wide range of literary and historiographical texts, as well as material and textual evidence left by the culturally disenfranchised (e.g., curse tablets). Topics will include death, the position of women, resident aliens, the construction of the “barbarian”, and the status of slaves. Authors read will include Herodotus, Thucydides, Sophocles, Euripides, and Aristophanes. Offered alternate years. May be counted as an adjunct course toward the minor in gender studies. V.1, V.2.

CLAS 207 (3)—The Rise and Fall of the Roman Republic
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 adjunct course toward the minor in gender studies. V.1, V.2.

CLAS 208 (3)—Society and Culture in the Roman Empire
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 adjunct course toward the minor in gender studies. V.1, V.2.

CLAS 211 (3)—Roman Archaeology and Art
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 c. 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 major and minor in archaeology. V.1, V.6a.

CLAS 219 (3)—Ancient Philosophers in Context
This course focuses on the historical and cultural contexts in which ancient philosophy was practiced, while also tracing various themes throughout the ancient philosophical tradition. Major differences between modern and ancient notions of the philosophical method and way of life are also considered. Course readings will come from Presocratics, Plato, Aristotle, the Stoics, Epicureans, Romans, and late-antique philosophers. May be counted toward the major in philosophy. V.1.
CLAS 222 (3)–Archaeology of Periclean Athens
This course will examine the two most important areas of ancient Athens - the Agora and the Acropolis and their transformation under the guidance of Pericles. We will focus primarily on the architecture, sculpture, vase painting, and building inscriptions of the Parthenon, Erechtheum, and Temple of Athena Nike. We will also look at the predecessors that influenced this massive building program. May be counted toward the major in archaeology. V.1, V.6a.

CLAS 261 (1, 2, or 3)–Directed Study
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 (3)–Gender and Sexuality in the Ancient Mediterranean
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 a core course toward the minor in gender studies. V.5.

CLAS 315 (3)–The Later Roman Empire: Law, Religion, and Society
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.W, V.1.

CLAS 318 (3)–Topics in Classical Culture
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 (1, 2, or 3)–Special Study
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 (1, 2, or 3)–Internship
Prerequisites: Three credits in CLAS and permission of instructor, department chair, and dean. This course is graded P/CR/NC only.

CLAS 452 (3)–Senior Seminar
Prerequisite: Non-majors by permission. The departmental senior exercise, required of all classics majors and open to other qualified students by permission. It involves intensive study of an author, period, genre, or topic not covered, or only partially covered, by regular course offerings. Topics will vary from year to year. III.O, III.W.

CLAS 461 (1, 2, or 3)–Independent Study
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.
Course Descriptions—Greek

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

GREK 102 (3)—Elementary Greek II
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 (3)—Intermediate Greek I
Prerequisite: GREK 102 or placement. Continuing emphasis on developing facility in reading and grammatical skills. Offered alternate years.

GREK 202 (3)—Intermediate Greek II
Prerequisite: GREK 201. Readings from Homer’s Odyssey. Offered alternate years. V.3.

GREK 261 (1, 2, or 3)—Directed Study
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 321 (3)—Greek Historians
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 (3)—Greek Drama
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 361 (1, 2, or 3)—Special Study
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 (1, 2, or 3)—Independent Study
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.

Course Descriptions—Hebrew

HBRW 103 (3)—Elementary Biblical Hebrew
An introduction to Hebrew grammar, syntax, and translation. The course will utilize an inductive method which builds facility in language by exploring grammar, vocabulary, and translation simultaneously. Intermediate courses will not be offered that would allow Hebrew to meet the requirements of the General Education Program.

HBRW 104 (3)—Readings in Biblical Hebrew
This course is offered as a continuation in the study of ancient Hebrew language with particular interest in translation and reading of the Hebrew Bible. Issues of hermeneutics, interpretation, and textual criticism will be explored. Intermediate courses will not be offered that would allow Hebrew to meet the requirements of the General Education Program.

Course Descriptions—Latin

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

LATN 201 (3)—Intermediate Latin I
Prerequisite: LATN 102 or placement. Review and continuing study of grammar and syntax. Readings from Latin prose.
LATN 202 (3)—Intermediate Latin II  
**Prerequisite:** LATN 201. Readings from Latin poetry. V.3.

LATN 205 (3)—Readings in Latin Literature  
**Prerequisite:** LATN 202 or placement. An introduction to Latin literature through readings of representative selections from major prose and verse authors such as Cicero, Caesar, Catullus, Vergil, and Ovid. The specific authors will vary from year to year depending on the needs and interests of the students enrolled. V.2, V.3.

LATN 261 (1, 2, or 3)—Directed Study  
**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 283 (3)—Epic Poetry  
**Prerequisite:** LATN 202. Readings in the great works of Latin epic poetry. Works include Vergil’s “Aeneid,” Lucretius’ “de Rerum Natura,” or Ovid’s “Metamorphoses.” Offered alternate years. V.2, V.3.

LATN 311 (3)—Latin Poetry  
**Prerequisite:** One 200-level course in Latin. Extensive reading in the works of Vergil, Horace, Ovid, the elegists, or the comic playwrights. Offered alternate years. V.2, V.3.

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

LATN 314 (3)—Later Latin Literature  
**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 331 (3)—Latin Prose Authors  
**Prerequisite:** LATN 205 or permission. Readings in great works of Latin prose with attention to their historical and literary context. Author and genre will vary, but include Cicero, Sallust, the younger Pliny, Apuleius and Augustine. Offered alternate years. V.2, V.3.

LATN 361 (1, 2, or 3)—Special Study  
**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 461 (1, 2, or 3)—Independent Study  
**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.

Course Descriptions—Philosophy

PHIL 115 (3)—Fundamental Philosophical Questions  
An introduction to philosophy through a study of the works and thoughts of the major philosophers in their historical context. Topics discussed will include the existence and nature of truth, God, freedom, immortality, moral obligations, knowledge, beauty, and happiness. III.O, V.1.

PHIL 119 (3)—Logic  
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 204 (3)—Philosophy and Film  
An examination of film as an aesthetic medium and as a social and political institution. Films will be approached both as “texts” and as cultural and commercial products. The course will also look at contemporary developments in new media that present challenges or alternatives to film in political, economic, and cultural spheres. **May be counted toward the minor in film studies.** Offered alternate years. V.6a, V.7.

PHIL 224 (3)—Ethics: Theories and Applications  
**Prerequisites:** One course in philosophy and sophomore standing. A critical study of the relationship between ethical theories and cur-
rent practices and issues. Theories studied will include Aristotelian virtue ethics, Kantian deontological ethics and J.S. Mills’ utilitarianism. Applications studied will vary year to year, but may include topics such as euthanasia, abortion, capital punishment, animal rights, and affirmative action. 

PHIL 236 (3)–Philosophy and the Arts
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. 

PHIL 244 (3)–Special Topics in Ethics
Topics will vary by semester.

PHIL 261 (1, 2, or 3)–Directed Study
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 275 (3)–Political Philosophy
A critical approach to classics of modern political theory followed by an investigation of movements in political theory from the 20th century to today. Classical texts will include major works from authors such as Hobbes, Locke, Kant, Marx, and Mill. Contemporary theories will include liberalism, conservatism, neo-conservatism, socialism, anarchism, feminism, religious fundamentalism, and critical race theory. May be counted as an adjunct course toward the minor in gender studies.

PHIL 305 (3)–Special Topics in Philosophy
Topics will vary by semester.

PHIL 361 (1, 2, or 3)–Special Study
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 365 (3)–Philosophy of Science
Prerequisite: One course in philosophy. Philosophy of science is the study of the underlying theoretical foundations and assumptions of the institutions and practices of science. In this course we will span a thematic and historical overview of various philosophies of science with an eye to better understand and discriminate about the science in our daily lives. Topics include questions regarding: scientific method, objectivity, truth, knowledge, substance, observation and perception, and reality. Alternate years.

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

PHIL 411 (3)–Advanced Ethics Seminar
Prerequisites: PHIL 224, or 2 other courses in philosophy. Students will construct the course content by choosing several contemporary ethical issues for discussion and evaluation. Students should expect to present and defend position papers to the seminar, both orally and in writing. Alternate years; may be repeated for credit.

PHIL 425 (3)–The Roots of Western Thought
Prerequisites: Two courses in philosophy. The study of the philosophical developments from the Greeks to the British Empiricists. Special attention will be devoted to Socrates, Plato, Aristotle, Descartes and Hume. Offered alternate years.

PHIL 436 (3)–Modernism to Postmodernism
Prerequisite: One course in philosophy. An examination of key assumptions of modernism from the seventeenth to the nineteenth centuries will be followed by historical and contemporary critiques of the basic assumptions of the Enlightenment. Critics of modernism will include nineteenth century thinkers such as Nietzsche as well as contemporary postmodernists such as Derrida, Lyotard, and Foucault.

PHIL 452 (3)–Senior Seminar
Prerequisites: PHIL 425 and PHIL 436. Special topics at an advanced level pursued independently or in small groups.
PHIL 461 (1, 2, or 3)—Independent Study
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.

Course Descriptions—Religion

RELG 111 (3)—Good and Evil
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 (3)—Introduction to the Study of Religion
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, worldview, 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 adjunct course toward the minor in gender studies. V.1, V.5.

RELG 178 (3)—Introduction to World Religions
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 (3)—Hindus, Jainas, and Sikhs
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 (3)—Buddhism
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 (3)—Taoism
A broad comparative study of the development of Taoism in China, Korea, and Japan. This course will examine the origins of Taoism 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 (3)—Latin American Religion
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 precontact, colonial and post-colonial issues; cosmovisiones, conflict and mestizaje, religion and society, modernity in Latin American perspectives. Offered alternate years. V.4.

RELG 236 (3)—Multicultural Religious America
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 (3)—Judaism
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 adjunct course toward the minor in gender studies. III.W, V.1.*

RELG 244 (3)—Christianity
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 adjunct course toward the minor in gender studies. III.W, V.1.*

RELG 248 (3)—The Religions of Africa
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 well as 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 intercultural contact and adaptation to historical events. *III.O, V.4.*

RELG 255 (3)—Islam
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 (1, 2, or 3)—Directed Study
*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 (3)—Asian Philosophies
*Prerequisite: One course in philosophy or religion; 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 (3)—Religion, Science, and Occultism
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 (3)—The Comparative Philosophy of Religion
*Prerequisite: One course in religion.* 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 316 (3)—The Psychology of Religion
Prerequisite: One course in religion or psychology. This course will explore theories of the psychological underpinnings and functions of religion. Students will acquire an understanding of Modernist and Post-modernist theories of psychology, religion, and their intersection. It will begin with the classic works of Freud and Jung and move through the twentieth-century re-interpretations of their writings in Lacan, French feminism, Renee Girard, James Hillman and David L. Miller. It will ask whether theories designed for individuals may be accurately applied to religious groups. The course will raise questions of the applicability of archetypal models of psychology in a post-modern society. It will also examine how psychology has contributed to increased individualism and whether the practice of psychoanalysis has taken over some or many of the traditional functions of religion.

RELG 350 (3)—Religion and U.S. Law
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. V.7.

RELG 361 (1, 2, or 3)—Special Study
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 (1, 2, or 3)—Internship
Prerequisites: Three credits in RELG and permission of instructor, department chair, and dean. This course is graded P/CR/NC only.

RELG 451 (3)—Research Seminar in the Study of Religion
Prerequisite: One course in religion 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 (3)—Senior Seminar
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 (1, 2, or 3)—Independent Study
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.

Communications
See Department of Theatre and Dance on page 188.

Computer Science
See the Department of Mathematical and Computer Sciences on page 138.

Dance
See Department of Theatre and Dance on page 188.
Economics and Business

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.

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, 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. Recognizing that work experience is critical to the student learning process, work experience is simulated in class projects, cases, and labs while actual work experience is the task of our integrated, multiple-stage internship program.

A student considering the business major is strongly advised to take BUSN 127, BUSN 128, BUSN 131, BUSN 150, BUSN 210, and MATH 205 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 Economics Major
(37 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

Senior Exercise:
ECON 452 (3) - Senior Seminar

Choose 5 additional 3-credit courses in economics at the 200-level or above.

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 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 Business Major
(47 semester hours)

Required:
BUSN 120 (.5) - Business Ethics: Accounting I
BUSN 121 (.5) - Business Ethics: Accounting II
BUSN 122 (.5) - Business Ethics: Management
BUSN 123 (.5) - Business Ethics: Marketing
BUSN 124 (.5) - Business Ethics: Commercial Law
BUSN 127 (3) - Accounting I
BUSN 128 (3) - Accounting II
BUSN 131 (3) - Fundamentals of Management
BUSN 132 (1) - Fundamentals of Management Laboratory
BUSN 150 (3) - Fundamentals of Marketing
BUSN 151 (1) - Fundamentals of Marketing Laboratory
BUSN 161 (3) - Commercial Law
BUSN 210 (3) - Finance I: Financial Systems
BUSN 377 (.5) - Internship
ENGL 205 (3) - Business Writing
MATH 205 (3) - Applied Statistics

Senior Exercise:
BUSN 452 (3) - Senior Seminar

Choose 5 of the following courses:
BUSN 232 (3) - Human Resource Management
BUSN 315 (3) - Finance II: Corporate Finance
BUSN 318 (3) - Production and Operations Management
BUSN 321 (3) - Compensation Management
BUSN 324 (3) - Advanced Commercial Law
BUSN 330 (3) - Consumer Behavior
BUSN 337 (3) - International Management
BUSN 341 (3) - Legal Environment of International Business
BUSN 351 (3) - Marketing Research
BUSN 354 (3) - Principles of Advertising
ECON 102 (3) - Principles of Macroeconomics
PSYC 237 (3) - Organizational Psychology
THTR 202 (3) - Business and Professional Speaking

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 in this catalog.
The Business Minor
(21 semester hours)

Required:
BUSN 127 (3) - Accounting I
BUSN 128 (3) - Accounting II
BUSN 131 (3) - Fundamentals of Management
BUSN 150 (3) - Fundamentals of Marketing
BUSN 210 (3) - Finance I: Financial Systems

Choose two additional three-credit courses in business at the 300-level or above.

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 in this catalog.

Course Descriptions—Business

BUSN 100 (2)–Introduction to Business
Prerequisite: Open to business majors and minors by permission only. A survey course of American business including history, social responsibility, forms of ownership and the major functions of individual companies (production, marketing, accounting, finance, and research and development). Also covered is the management function that is common to all organizations. This course cannot be counted toward the major or minor in business. Offered alternate years.

BUSN 105 (3)–Introduction to Integrated Engineering and Management
This course introduces students to the management needs of technologically oriented companies and begins to develop the skills required for addressing such needs, including communication between engineering and management personnel and the ability to function on, and lead, multidisciplinary teams of engineers, scientists, marketing personnel, etc. The roles of engineers and managers in society and industry are presented and discussed. Two hours of lecture and three hours of laboratory. V.7.

BUSN 120 (.5)–Business Ethics: Accounting I
Prerequisite or co-requisite: BUSN 127.

BUSN 121 (.5)–Business Ethics: Accounting II
Prerequisite or co-requisite: BUSN 128.

BUSN 122 (.5)–Business Ethics: Management
Prerequisite or co-requisite: BUSN 131.

BUSN 123 (.5)–Business Ethics: Marketing
Prerequisite or co-requisite: BUSN 150.

BUSN 124 (.5)–Business Ethics: Commercial Law
Prerequisite or co-requisite: BUSN 161.

BUSN 125 (.5)–Business Ethics: Human Resource Management
Prerequisite or co-requisite: BUSN 232.

All of the Business Ethics courses listed above use case studies and readings to develop students’ awareness of the range of ethical concerns that must be considered when making decisions in a variety of business areas. Students will use cases to study how organizational decisions are made, to learn about the effects of those decisions on business and society, and to consider ways to promote ethical behavior within an organization.

BUSN 127 (3)–Accounting I
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. III.Q.

BUSN 128 (3)–Accounting II
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. III.Q.
BUSN 131 (3)—Fundamentals of Management
This course is an introduction to the management of organizations through an examination of management thought and theory. The course reviews the management functions of planning, organizing, directing, and controlling with particular emphasis on leadership, motivation, communications, and organizational change and conflict. This course cannot be taken on a P/CR/NC grading option.

BUSN 132 (1)—Fundamentals of Management Laboratory
Co-requisite: BUSN 131. This laboratory course gives students experience in the management of projects that require application of the management functions. This course cannot be taken on a P/CR/NC grading option.

BUSN 150 (3)—Fundamentals of Marketing
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. A modified case method will be utilized. This course cannot be taken on a P/CR/NC grading option.

BUSN 151 (1)—Fundamentals of Marketing Laboratory
Co-requisite: BUSN 150. This laboratory course gives students experience in projects that relate to the four marketing functions. This course cannot be taken on a P/CR/NC grading option.

BUSN 161 (3)—Commercial Law
Prerequisite: CSCI 171 (or demonstrated competence in word processing and presentation software). An introduction to how companies operating in the United States are affected by the American legal system. Areas covered include torts, agency, contracts, and other liability issues.

BUSN 210 (3)—Finance I: Financial Systems
Prerequisites: BUSN 128 and CSCI 171 (or demonstrated competence in spreadsheet software). 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. III.Q, V.8a.

BUSN 232 (3)—Human Resource Management
Prerequisite: BUSN 131. This course will provide an overview of human resource management principles and concepts in today’s workplace. Students will study issues such as workplace organization, recruitment and hiring, policy design and its application, and current legal issues. They will also consider motivational theory and its application to rewards and compensation. Upon completion, students will have a basic understanding of human resource issues and be able to apply them to business and employment situations. Offered alternate years.

BUSN 257 (1)—Business Practicum in Marketing I
Prerequisites: BUSN 150, BUSN 151, and permission of the instructor. Students prepare to serve as consultants and team advisors for marketing projects undertaken in BUSN 151 by studying 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.

BUSN 258 (1)—Business Practicum in Management I
Prerequisites: BUSN 131, BUSN 132, and permission of the instructor. Students prepare to serve as upper-level managers for team projects undertaken in BUSN 132 by studying 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.

BUSN 261 (1, 2, or 3)—Directed Study
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 315 (3) – Finance II: Corporate Finance**  
**Prerequisite:** BUSN 210. The course will stress valuation mechanics and illustrate their application to a broad range of business decisions. It introduces cash management techniques and additional financial theory to address more complex financial, strategic, and operating decisions. It will build the knowledge and skills critical to evaluating investment decisions; proposing, assessing, and implementing financial decisions; addressing budgetary considerations; and refining risk evaluation and management. Offered alternate years.

**BUSN 318 (3) – Production and Operations Management**  
**Prerequisite:** BUSN 131 or BUSN 210. Explores management and operation of all types of organizations, including capacity planning, scheduling, materials management, inventory control, quality control and distribution. Quantitative methods and their organizational implications are also examined. Offered alternate years.

**BUSN 321 (3) – Compensation Management**  
**Prerequisites:** BUSN 210 and BUSN 232. This course examines the components of workplace compensation including direct pay, employee benefits, perquisites, and incentives. Study provides applied examination of financial as well as non-financial reward systems in organizations in the context of relevant theoretical and legal perspectives. Topics include compensation strategy, job evaluation, pay surveys, incentives, pay equity, benefits, nonqualified plans, stock option grants, and compliance issues. Offered alternate years.

**BUSN 324 (3) – Advanced Commercial Law**  
**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 (3) – Project Selection and Management**  
**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 330 (3) – Consumer Behavior**  
**Prerequisite:** BUSN 131 or BUSN 150. This course provides comprehensive understanding of the psychological, sociological, economic, and other dimensions that influence consumer behavior. The course focus will be on how these factors are used to develop marketing strategy. Offered alternate years.

**BUSN 337 (3) – International Management**  
**Prerequisites:** BUSN 131 and junior standing. 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 341 (3) – Legal Environment of International Business**  
**Prerequisite:** BUSN 161. An introduction to the legal challenges faced by companies operating overseas. Areas covered will include international business law, trade regulations and conventions, import and export arrangements, licensing of intellectual property, foreign investment, and international alternative dispute resolution. Offered alternate years.
BUSN 351 (3)–Marketing Research  
Prerequisites: BUSN 150, CSCI 171 (or demonstrated competence in word processing, spreadsheet, and presentation software), 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.

BUSN 354 (3)–Principles of Advertising  
Prerequisites: BUSN 150 and CSCI 171 (or demonstrated competence in word processing and presentation software). This course offers an in-depth study of advertising and its role in the integrated marketing communications program of an organization. Study will include the identification of relevant data to analyze the marketing situation, development of product position, marketing and advertising objectives, creative strategy, media planning and evaluation. Offered alternate years.

BUSN 357 (1-3)–Business Practicum in Marketing II  
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.

BUSN 358 (1-3)–Business Practicum in Management II  
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.

BUSN 361 (1, 2, or 3)–Special Study  
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 (.5, 1, or 3)–Internship  
Prerequisite: Permission of the instructor, department chair, and dean. This course is graded P/CR/NC only.

BUSN 451 (1)–Senior Exercise  
Prerequisite: Open to senior business majors only. A senior preferring to do her senior exercise research in a non-management aspect of business (accounting, finance, or marketing) may petition the department to add the 1-credit senior exercise to a 300-level course in these disciplines. Students choosing this senior exercise option must also take a fifth elective for her major. III.W

BUSN 452 (3)–Senior Seminar  
Prerequisite: Open to senior business majors only. Case studies and readings are used to develop students’ strategic planning and decision making abilities. In the process, students apply the knowledge and skills learned in the program’s core courses. III.O, III.W.

BUSN 461 (1, 2, or 3)–Independent Study  
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.

Course Descriptions–Economics

ECON 101 (3)–Principles of Microeconomics  
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 (3)–Principles of Macroeconomics  
**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.

ECON 201 (3)–Intermediate Microeconomics  
**Prerequisite:** ECON 101. 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 (3)–Intermediate Macroeconomics  
**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 219 (3)–Money and Banking  
**Prerequisite:** ECON 102. An analysis of the formulation of monetary policy directed toward the goals of economic stabilization and growth. Special attention will be given to the structure and functions of the financial system in which monetary policy operates. Offered alternate years.

ECON 227 (3)–Methods of Economic Analysis  
**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 256 (3)–Development Economics  
**Prerequisite:** ECON 101 or ECON 102. This course will explore the peculiar problems of economic growth in developing countries and the public policy options available to them. V.4.

ECON 261 (1, 2, or 3)–Directed Study  
**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 (3)–International Economics  
**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 (3)–Industrial Organization and Government Policy  
**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. III.O, III.W, V.7.

ECON 325 (3)–Public Finance  
**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. III.O, III.W.

ECON 332 (3)–Econometrics  
**Prerequisites:** ECON 101, ECON 102, 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 (3)—Ecological Economics  
*Prerequisites: ECON 101 and ENVR 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. **V.7.**

ECON 361 (1, 2, or 3)—Special Study  
*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 (.5, 1, or 3)—Internship  
*Prerequisites: Three credits in ECON and permission of instructor, department chair, and dean.* This course is graded P/CR/NC only.

ECON 452 (3)—Senior Seminar  
*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 (1, 2, or 3)—Independent Study  
*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 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 preservice 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.

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.

Education

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.
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. Two early childhood courses offer students clinical experiences with specially trained teachers in the Sweet Briar Campus School, a laboratory school for nursery school and kindergarten. 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
- EDUC 211 (3) - Teaching Diverse Learners
- EDUC 225 (3) - Literacy Development I
- EDUC 227 (3) - Literacy Development II
- EDUC 355 (3) - Models of Teaching
- EDUC 416 (3) - Curriculum, Instruction and Assessment

**Required Field Experiences:**
- EDUC 107 (3) - Appropriate Teaching Practices in Early Childhood Education
- EDUC 377 (3) - Internship

**Additional Required Course:**
- PSYC 201 (3) - Developmental Psychology: Infancy and Childhood

**Secondary Licensure**

**Required Professional Studies:**
- EDUC 103 (3) - Teaching, Learning and Human Development
- EDUC 211 (3) - Teaching Diverse Learners
- EDUC 233 (3) - Reading in Content Areas
- EDUC 355 (3) - Models of Teaching
- EDUC 416 (3) - Curriculum, Instruction and Assessment

**Required Field Experience:**
- EDUC 377 (3) - Internship

**Additional Required Courses:**
- CSCI 171 (3) - Computing Fundamentals
- PSYC 302 (3) - Developmental Psychology II: Adolescence and Adulthood

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 (3) – Teaching, Learning and Human Development**
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 (3) – Appropriate Teaching Practices in Early Childhood Education**
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 in the campus school are required.

**EDUC 211 (3) – Teaching Diverse Learners**
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 (3)–Literacy Development I
**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 (3)–Literacy Development II
**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 (3)–Reading in Content Areas
**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 (1, 2, or 3)–Directed Study
**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 (3)–Adapting for Diverse Learners in General Education K-12
**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 (3)–Classroom Management: Techniques and Interventions K-12
**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 (3)–Assessments in Special Education General Curriculum K-12
**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 (3)–Models of Teaching
**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 (1, 2, or 3)–Special Study
**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 (1, 2, or 3)—Internship  
**Prerequisites:** Acceptance to Teacher Education Program and permission of department chair and dean. 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 (3)—Transition, Collaboration, and Consultation in Special Education K-12  
**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 (3)—Curriculum, Instruction, and Assessment  
**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 450 (3)—Mentor Teacher/Clinical Faculty Development  
**Prerequisite:** Open only to special students who meet the VACTE/ATE-VA Standards for Teacher Education Clinical Faculty. This course is presented collaboratively with Randolph-Macon Woman’s College and local school divisions. The goal of the course is to prepare teachers to serve as mentors to first year teachers and as cooperating teachers (clinical faculty) to pre-service teachers. Course content includes characteristics of beginning teachers and effective teaching, skills of mentoring, reflective decision making, observation and feedback strategies, and the action research process. This course is offered only on a P/CR/NC grading option.

EDUC 461 (1, 2, or 3)—Independent Study  
**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.

**Engineering**

See Department of Physics and Engineering on page 164.

**English**

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.

Creative writing students work in a variety of genres: fiction, poetry, and creative nonfiction. They participate in workshops that emphasize specificity, precision, and heightened editing
skills, with publication as a desirable outcome. Nonfiction students write in several forms: the personal essay, memoir, and journalism.

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 Film Studies.

**Note:** No course below the 200-level may be used toward any major or minor.

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**The English Major**

*(37 semester hours)*

**Required:**

Choose any 200-level literature course offered by the department, with the exception of ENGL 237.

These introductory courses stress close reading, explore interpretive strategies, and engage students in literary research. This requirement should be completed during the sophomore year.

**Senior Exercise:**

ENGL 452 (1) - Senior Exercise

In one of her last two terms a senior major must choose a literature course offered by the department at the 300-level (or, if justified, at the 200-level), excluding creative writing courses and special studies, and do her senior exercise in conjunction with this course. The senior exercise will include a substantial paper as a culmination of an individual research project and an oral presentation. Students may fulfill this requirement by completing an honors thesis in English at Sweet Briar College.

**Choose 2 of the following courses:**

*Medieval and Renaissance Literature*

ENGL 313 (3) - Studies in Medieval Literature
ENGL 317 (3) - History of the English Language
ENGL 319 (3) - Chaucer
ENGL 322 (3) - Shakespeare and Elizabethan Drama
ENGL 324 (3) - Shakespeare and Jacobean/Caroline Drama
ENGL 325 (3) - Shakespeare: Ten Plays
ENGL 340 (3) - The English Renaissance

**Choose 2 of the following courses:**

*Eighteenth- and Nineteenth-Century Literature*

ENGL 329 (3) - American Romanticism
ENGL 331 (3) - The 19th-Century American Novel
ENGL 367 (3) - The Age of Romanticism
ENGL 368 (3) - Topics in Nineteenth-Century British Literature and Culture
ENGL 374 (3) - Great Nineteenth-Century British Novels

Choose 2 of the following courses:

Twentieth-Century Literature
ENGL 302 (3) - Special Topic (when material is appropriate)
ENGL 330 (3) - African-American Literature
ENGL 332 (3) - Modern and Contemporary Women Writers
ENGL 380 (3) - Classics of Modern Drama
ENGL 393 (3) - Modern Poetry I
ENGL 394 (3) - Modern Poetry II
ENGL 397 (3) - Modern Fiction
ENGL 398 (3) - Contemporary Fiction

Choose 3 additional 300-level courses in English. Two of these courses must be in literature or criticism and the third may be an internship sponsored by the department.

Choose 2 additional courses in English at the 200- or 300-level (with the exception of ENGL 205 and ENGL 206). No more than two creative writing or two film studies courses (or one of each) offered by the department may be counted toward the English major.

Notes: Five courses (15 semester hours) in English must be taken at Sweet Briar College. With the exception of internships, no course used to fulfill major requirements may be taken on a P/CR/NC grading option. No course below the 200-level may be counted toward the major.

A maximum of 3 credit hours of internship sponsored by the department may be counted toward the English major.

Majors must pass at least one 200- or 300-level course in which a significant amount of the reading is in translation or in literatures in English other than the U.S. or British. Selected courses in other departments or programs, including the Honors Program, may also be used to fulfill this requirement, subject to approval by the English department. These must be primarily literature (V.2) courses taught at the 200- or 300-level. At least one-third of the literary texts must be in English but not by writers considered American or English or must be translated into English and read and taught in English in the course.

Choose 1 of the following courses to satisfy this requirement:

Within the English Department:
ENGL 270 (3) - Contemporary International Writers
ENGL 332 (3) - Modern and Contemporary Women Writers
ENGL 380 (3) - Classics of Modern Drama
ENGL 397 (3) - Modern Fiction
ENGL 398 (3) - Contemporary Fiction

Other English 200- and 300-level courses, when appropriate, as determined by the department.

Outside the English Department:
Note: These courses may not be used to satisfy the 200-level gateway course requirement or the 300-level period requirements for the major.

ASIA 206 (3) - Chinese and Japanese Literature in Translation
CLAS 201 (3) - Classical Mythology
CLAS 205 (3) - Ancient Greece
CLAS 206 (3) - Greeks and the Other
CLAS 207 (3) - The Rise and Fall of the Roman Republic
CLAS 208 (3) - Society and Culture in the Roman Empire
FREN 250 (3) - Masterpieces of French Literature in Translation
SPAN 255 (3) - Topics in Hispanic Literature in Translation
INTD 302 (3) - Film and Literature
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
The English and Creative Writing Major
(38 semester hours)

Required:
Choose any 200-level literature course offered by the department, with the exception of ENGL 237.
These introductory courses stress close reading, explore interpretive strategies, and engage students in literary research. This requirement should be completed during the sophomore year.

Senior Exercises:
ENGL 452 (1) - Senior Exercise

English
In one of her last two terms a senior major must choose a literature course offered by the department at the 300-level (or, if justified, at the 200-level), excluding creative writing courses and special studies, and do her senior exercise in conjunction with this course. The senior exercise will include a substantial paper as a culmination of an individual research project and an oral presentation. Students may fulfill this requirement by completing an honors thesis in English at Sweet Briar College.

ENGL 454 (1) - Portfolio Preparation

Creative Writing
During one semester of her senior year, a major must enroll in a creative writing workshop and in portfolio preparation. While completing the assignments in the workshop, she will meet with her professor to create a portfolio of her work. Both courses must be taken at Sweet Briar College.

Choose 5 courses (15 semester hours) in creative writing.

Choose 1 of the following courses:
Medieval and Renaissance Literature
ENGL 313 (3) - Studies in Medieval Literature
ENGL 317 (3) - History of the English Language
ENGL 319 (3) - Chaucer

ENGL 322 (3) - Shakespeare and Elizabethan Drama
ENGL 324 (3) - Shakespeare and Jacobean/Caroline Drama
ENGL 325 (3) - Shakespeare: Ten Plays
ENGL 340 (3) - The English Renaissance

Choose 1 of the following courses:
Eighteenth- and Nineteenth-Century Literature
ENGL 329 (3) - American Romanticism
ENGL 331 (3) - The 19th-Century American Novel
ENGL 367 (3) - The Age of Romanticism
ENGL 368 (3) - Topics in Nineteenth-Century British Literature and Culture
ENGL 374 (3) - Great Nineteenth-Century British Novels

Choose 1 of the following courses:
Twentieth-Century Literature
ENGL 302 (3) - Special Topic (when material is appropriate)
ENGL 330 (3) - African-American Literature
ENGL 332 (3) - Modern and Contemporary Women Writers
ENGL 380 (3) - Classics of Modern Drama
ENGL 393 (3) - Modern Poetry I
ENGL 394 (3) - Modern Poetry II
ENGL 397 (3) - Modern Fiction
ENGL 398 (3) - Contemporary Fiction

Choose 2 additional courses in English at the 300-level. One of these courses must be in literature or criticism and the second may be an internship sponsored by the department.

Choose 1 additional course in English at the 200- or 300-level (with the exception of ENGL 205 and ENGL 206). This course may be a 200- or 300-level film studies course offered by the department.

Notes: Five courses (15 semester hours) in English must be taken at Sweet Briar College. With the exception of internships, no course used to fulfill major requirements may be taken
on a P/CR/NC grading option. No course below the 200-level may be counted toward the major.

A maximum of 3 credit hours of internship sponsored by the department may be counted toward the English and creative writing major.

Majors must pass at least one 200- or 300-level course in which a significant amount of the reading is in translation or in literatures in English other than the U.S. or British. Selected courses in other departments or programs, including the Honors Program, may also be used to fulfill this requirement, subject to approval by the English department. These must be primarily literature (V.2) courses taught at the 200- or 300-level. At least one-third of the literary texts must be in English but not by writers considered American or English or must be translated into English and read and taught in English in the course.

Choose 1 of the following courses to satisfy this requirement:

Within the English Department:
ENGL 270 (3) - Contemporary International Writers
ENGL 332 (3) - Modern and Contemporary Women Writers
ENGL 380 (3) - Classics of Modern Drama
ENGL 397 (3) - Modern Fiction
ENGL 398 (3) - Contemporary Fiction

Other English 200- and 300-level courses, when appropriate, as determined by the department.

Outside the English Department:

Note: These courses may not be used to satisfy the 200-level gateway course requirement or the 300-level period requirements for the major.

ASIA 206 (3) - Chinese and Japanese Literature in Translation
CLAS 201 (3) - Classical Mythology
CLAS 205 (3) - Ancient Greece
CLAS 206 (3) - Greeks and the Other
CLAS 207 (3) - The Rise and Fall of the Roman Republic
CLAS 208 (3) - Society and Culture in the Roman Empire
FREN 250 (3) - Masterpieces of French Literature in Translation
SPAN 255 (3) - Topics in Hispanic Literature in Translation
INTD 302 (3) - Film and Literature
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

The English Minor
(18 semester hours)

Required:
ENGL 203 (3) - Major British Writers I

Choose any 200-level literature course offered by the department, with the exception of ENGL 237.

These introductory courses stress close reading, explore interpretive strategies, and engage students in literary research. This requirement should be completed during the sophomore year.

Choose 1 of the following courses:

Medieval and Renaissance Literature
ENGL 313 (3) - Studies in Medieval Literature
ENGL 317 (3) - History of the English Language
ENGL 319 (3) - Chaucer
ENGL 322 (3) - Shakespeare and Elizabethan Drama
ENGL 324 (3) - Shakespeare and Jacobean/Caroline Drama
ENGL 325 (3) - Shakespeare: Ten Plays
ENGL 340 (3) - The English Renaissance
Choose 1 of the following courses:
*Eighteenth- and Nineteenth-Century Literature*
ENGL 329 (3) - American Romanticism
ENGL 331 (3) - The 19th-Century American Novel
ENGL 367 (3) - The Age of Romanticism
ENGL 368 (3) - Topics in Nineteenth-Century British Literature and Culture
ENGL 374 (3) - Great Nineteenth-Century British Novels

Choose 1 of the following courses:
*Twentieth-Century Literature*
ENGL 302 (3) - Special Topic (when material is appropriate)
ENGL 330 (3) - African-American Literature
ENGL 332 (3) - Modern and Contemporary Women Writers
ENGL 380 (3) - Classics of Modern Drama
ENGL 393 (3) - Modern Poetry I
ENGL 394 (3) - Modern Poetry II
ENGL 397 (3) - Modern Fiction
ENGL 398 (3) - Contemporary Fiction

Choose 3 of the following courses:

Choose 1 additional three-credit English course in literature or criticism at the 300-level or above.

**Note:** No course used to fulfill minor requirements may be taken on a P/CR/NC grading option. No course below the 200-level may be used toward the minor.

**The English and Creative Writing Minor**  
*(18 semester hours)*

**Required:**

Choose any 200-level literature course offered by the department, with the exception of ENGL 237.

These introductory courses stress close reading, explore interpretive strategies, and engage students in literary research. This requirement should be completed during the sophomore year.

Choose 1 of the following courses:
*Eighteenth- and Nineteenth-Century Literature*
ENGL 329 (3) - American Romanticism
ENGL 331 (3) - The 19th-Century American Novel
ENGL 367 (3) - The Age of Romanticism
ENGL 368 (3) - Topics in Nineteenth-Century British Literature and Culture
ENGL 374 (3) - Great Nineteenth-Century British Novels

Choose 1 of the following courses:
*Twentieth-Century Literature*
ENGL 302 (3) - Special Topic (when material is appropriate)
ENGL 330 (3) - African-American Literature
ENGL 332 (3) - Modern and Contemporary Women Writers
ENGL 380 (3) - Classics of Modern Drama
ENGL 393 (3) - Modern Poetry I
ENGL 394 (3) - Modern Poetry II
ENGL 397 (3) - Modern Fiction
ENGL 398 (3) - Contemporary Fiction

**Note:** No course used to fulfill minor requirements may be taken on a P/CR/NC grading option. No course below the 200-level may be used toward the minor.

**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, ENGL 324, or ENGL 325 (preferably ENGL 325); and several courses in American, world, or ethnic literature. The student must take at least four additional courses (12 hours) including ENGL 104 and ENGL 228 (or their equivalents), 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.

**Departmental Information**

Courses in interdisciplinary studies may count toward the majors or minors in English or in English and Creative Writing when the department decides that their material is appropriate. Courses in the humanities, particularly history and literature in other languages, are strongly recommended as electives outside of the department.

Majors who want to study abroad often spend their junior year at the University of London or the University of St. Andrews. A student considering spending a part or all of her junior year abroad should consult with her advisor for recommended preparatory courses. The 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.

During their first semester at Sweet Briar College, unless exempted from the first-year writing requirement, 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 may take a placement test to determine whether they will be exempted or placed in ENGL 100, ENGL 104, or a 100-level writing-intensive literature course in the department. Students exempted from the first-year writing requirement will be encouraged but not required to take a writing-intensive course in the fall. Students who are placed in ENGL 100 must enroll in ENGL 104 the following semester.

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 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 mutual consent of the instructor, the Chair of the Department of English, and the Dean’s Office. ENGL 104 or an introductory literature class (one below the 200-level) is a prerequisite for any literature course at or above the 200-level, unless a student has been exempted from the requirement. ENGL 151, Children’s Literature, however, does not satisfy this prerequisite. Exceptions require the permission of the Chair.

**Course Descriptions—English**

**ENGL 100 (3)—Composition**

*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 (3)—Thought and Expression**

A workshop-based course that develops more effective reading and writing skills. It uses the process of revision to help students clarify their prose and to construct cogent arguments and analyses. Developing research skills and incorporating secondary sources into student work are also emphasized. *FYW.*
ENGL 108 (3)–Women and Literature
A study of women characters and women writers in English, American, and foreign literature. May be counted as an adjunct course toward the minor in gender studies. FYW, III.W, V.2, V.5.

ENGL 110 (3)–Writing Across Worlds
Prerequisite: Not open to students enrolled in HNRS 247. This course focuses on selected works by acclaimed international writers, emphasizing historical and cultural contexts and exploring cross-cultural connections. For Fall 2008, readings include works by Azar Nafisi, Yiyun Li, Zakes Mda, and Chimamanda Adichie, who will be participating in the College’s 2008-09 International Writers Series. All works will be read in English. III.O, V.2.

ENGL 112 (3)–Literature of the South
A study of such 20th-century Southern authors as Faulkner, Warren, Wolfe, Wright, Porter, Welty, McCullers, O’Connor, Williams, Bambara, Walker, and Tyler. Topics will include the Southern Renaissance, narrative experimentation, women’s writing, and Southern authors’ interest in their characters’ storytelling. V.2.

ENGL 116 (3)–American Fiction
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 (3)–Myth, Legend, and Their Retelling
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 130 (3)–Conversing with the Past
How might literature written over 400 years ago speak to pressing issues and concerns today? We shall analyze Shakespeare’s “Othello” alongside contemporary debates about race and passing; compare the politics of sexual orientation in Marlowe’s “Edward II” with current disputes over gay rights; and wrestle with the modern dilemmas of terrorism through Milton’s “Samson Agonistes.” V.2.

ENGL 132 (3)–What’s Love Got to Do with It?: Romantic Comedy through the Ages
Reading works by Shakespeare, Austen, Wilde, and Shaw and viewing films such as “Bringing Up Baby,” “Love Actually,” and “Sex and the City,” we will explore the genre of romantic comedy over time. We will study the relationship between gender, genre, and the social and examine comedy’s fascination with the creation of fantasy worlds and disguise. V.2.

ENGL 134 (3)–Jane Austen in Context
Prerequisite: ENGL 104 or its equivalent. This course will introduce students to the changes in British literature from roughly 1790 to 1820, that is, as it moves from the Age of Enlightenment into Romanticism. The readings will include Austen’s “Pride and Prejudice” and “Persuasion,” the poetry of Wordsworth, Coleridge, and Keats, and the prose of Burke and Wollstonecraft. This course is not open to students who completed ENGL 204 (Jane Austen and her Contemporaries) in the spring semester 2005 or ENGL 218 (Austen) in the spring semester 2007. III.W, V.2.

ENGL 141 (3)–Tales of Horror
This course explores horror through the lens of novels, short stories, and films. We will study examples of horror from the gothic novel, monster tales, family dramas, crime and detective stories, and the horror film. Authors may include Mary Shelley, Matthew Lewis, Arthur Conan Doyle, Bram Stoker, Robert Louis Stevenson, and Edgar Allan Poe. V.2.
ENGL 143 (3)–Introduction to Shakespeare
An overview of Shakespeare’s plays, narrative poems, and sonnets. No prior experience of Shakespeare necessary. We will proceed slowly, learning how to read and take enjoyment in Shakespeare’s pyrotechnical wordplay. Works studied may include “Romeo and Juliet,” “A Midsummer Night’s Dream,” “The Merchant of Venice,” “The Sonnets,” “The Rape of Lucrece,” and others. This course cannot be taken on a P/CR/NC grading option. FYW, III.W, V.2.

ENGL 149 (3)–Introduction to Film Studies
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. III.W, V.6a.

ENGL 150 (3)–Introduction to Film History
This course will introduce students to the history and analysis of film. Students will learn the technical and critical vocabularies of film studies and analyze films representing a variety of styles and genres. The global and historical scope of this course will lead us to consider films from America, Italy, France, Germany, and Japan and from the silent period to the present. Offered alternate years. V.6a.

ENGL 151 (3)–Children’s Literature
This course will explore how to analyze children’s literature and to evaluate it as imaginative literature. The class will ask the following questions of children’s books: in what ways do these works speak to issues in children’s development; how do they reflect and shape social values and issues; how can the reading of good literature be developed in the classroom? V.2.

ENGL 166 (3)–Murderous Fascinations: The Criminal in Literature
Why are we fascinated with criminals and their stories? Through a reading of crime literature, we will explore several factors that led to its rise in the nineteenth century: urbanization, poverty, rationalism, and the establishment of a centralized police force. We will study the criminal through the lenses of psychology, sociology, race, gender, and science. Authors to be studied are Poe, Dickens, Alcott, Bradden, Stevenson, Zola, and Conan Doyle. Offered alternate years. V.2

ENGL 203 (3)–Major British Writers I
Prerequisite: First-year students with permission. A study of important works by and critical approaches to writers of the Middle Ages and the Renaissance, including Chaucer, Shakespeare, Spenser, and Milton. Close reading, various interpretive strategies, and research skills will be stressed. III.W, V.2.

ENGL 204 (3)–Major British Writers II
Prerequisite: First-year students with permission. A study of the poets and novelists of England and Ireland after the English Renaissance. Writers may include satirists like Pope and Austen, innovators like Wordsworth and Joyce, romantics like Emily Bronte, and realists like Dickens. Close reading, various interpretive strategies, and research skills will be stressed. III.W, V.2.

ENGL 205 (3)–Business Writing
Prerequisites: ENGL 104 or its equivalent, and sophomore standing. In this course, students will study and practice various forms of business writing, including reports, letters, memoranda, proposals, and other documents. Assignments will replicate typical business cases, scenarios, and cultures. Selected readings introduce students to business discourse. This course cannot be taken on a P/CR/NC grading option. III.W

ENGL 206 (3)–Technical Writing
Prerequisites: ENGL 104 or its equivalent, and sophomore standing. In this course, students will study and practice various forms of technical writing, including formal and informal reports, technical papers, lab reports, proposals, physical and process descriptions, instructions, and technical correspondence. Students will develop flexible problem-solving skills and a clear style for communicating technical information to a range of readers in various professional and organizational contexts. This course cannot be taken on a P/CR/NC grading option. III.W
ENGL 217 (3)–Special Topics in Literature I
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 (3)–Special Topics in Literature II
Prerequisite: First-year students with permission. Topic will vary by semester. Close reading, various interpretive strategies, and research skills will be stressed. Topic for Spring 2007: “Jane Austen.” A reading of Jane Austen’s six novels along with her letters and works by contemporary Romantic poets like Wordsworth and Keats and Gothic novelists like Anne Radcliffe and Matthew Lewis. V.2.

ENGL 221 (3)–Loveliness Extreme: Women Poets as Visionary Inheritors
Prerequisite: First-year students with permission. How does poetry help people to live their lives and, in Adrienne Rich’s phrase, to ask the world’s questions? In particular, how do women poets engage the past, challenge received ideas, and shape live traditions for future generations? We will consider many kinds and styles of poems in their inner workings and cultural contexts as we explore these and related questions. III.W, V.2, V.5.

ENGL 226 (1)–Tutoring Writing: Theory and Practice
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 228 (3)–The Art of the Essay
See description listed under “Course Descriptions–Creative Writing.” Counts as a 200-level workshop in creative writing.

ENGL 237 (3)–The Bible in English Literature
Prerequisite: First-year students with permission. An introduction to the use of Biblical stories, images, and themes by writers in English. Selections from the Hebrew Bible and Christian New Testament will be read together with works by a variety of writers including Shakespeare, Milton, S.Y. Agnon, and Flannery O’Connor. V.2.

ENGL 248 (3)–Topics in Film Studies
An exploration of a specific area in film history or film theory. Topic will vary by semester. Course can be repeated for credit when course content changes. May be counted toward the minor in gender studies (when topic is appropriate).

ENGL 258 (3)–Native American Literature
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. V.2.

ENGL 261 (1, 2, or 3)–Directed Study
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 270 (3)–Contemporary International Writers
Prerequisite: First-year students with permission. This course focuses on contemporary literatures in English other than U.S. and British, and in translation. Writers and topics will vary; emphasis will be on the traditions and circumstances writers are working within and against and the perspectives their works provide on history, national and personal identity, the art of writing, and our own cultural assumptions. Close reading, various interpretive strategies, and research skills will be stressed. This course may be repeated for credit when the topic differs. V.2.
ENGL 282 (3)—Modern American Authors
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. V.2.

ENGL 301 (3)—Hollywood Genres
Prerequisite: ENGL 149 or ENGL 150. Focusing on the historical forms of Hollywood genres (film noir, gangster, western, horror, melodrama, romantic comedy, musical) from the classical period of the studio system in the 1930s to the present, we will consider the following questions. Are genre films inherently conservative because they are based on familiar aesthetic conventions or do they persist because of the ways that they expose social contradictions? How do generic transformations over time reflect changes in the social relationships of race, class, gender, and sexuality? We will look at two examples of each genre, a film from the studio period and a contemporary example. V.6a.

ENGL 302 (3)—Special Topic
Topic will vary by semester. This course may be repeated once for credit when the topic is different. V.2.

ENGL 313 (3)—Studies in Medieval Literature
Prerequisite: Sophomores with permission. A study of the major literary genres of the Old- and Middle-English periods along with Continental writers such as Boethius, Boccaccio, and Christine de Pizan. Sometimes a text will be paired with a modern retelling in either literature or film (such as “Beowulf” and John Gardner’s “Grendel” or “Sir Gawain and the Green Knight” and its film version). V.2.

ENGL 317 (3)—History of the English Language
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. Offered alternate years. V.1.

ENGL 319 (3)—Chaucer

ENGL 322 (3)—Shakespeare and Elizabethan Drama
Prerequisite: Sophomores with permission. A selection of plays by Shakespeare produced before 1603 together with plays by Elizabethan contemporaries such as Christopher Marlowe, Thomas Kyd, John Lyly, and Robert Greene. Emphasis will be put both on contemporary staging and staging in twentieth-century productions. Plays by Shakespeare studied in ENGL 325 are excluded from this course. Offered alternate years. V.2, V.6a.

ENGL 324 (3)—Shakespeare and Jacobean/Caroline Drama
Prerequisite: Sophomores with permission. A study of selected plays by Shakespeare produced after 1602 together with plays by Jacobean and Caroline contemporaries such as Ben Jonson, John Webster, and John Ford. Emphasis will be put both on contemporary staging and staging in twentieth-century productions. Plays by Shakespeare studied in ENGL 325 are excluded from this course. Offered alternate years. V.2, V.6a.

ENGL 325 (3)—Shakespeare: Ten Plays
Prerequisite: Sophomores with permission. This course explores a selection of plays by one of the world’s greatest dramatists. Topics will vary by semester. V.2.

ENGL 329 (3)—American Romanticism
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
adjunct course toward the minor in gender studies. 

III.O, V.2.

ENGL 330 (3)–African-American Literature
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 adjunct course toward the minor in gender studies. V.2, V.5.

ENGL 331 (3)–The 19th-Century American Novel
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 adjunct course toward the minor in gender studies. III.W, V.2.

ENGL 332 (3)–Modern and Contemporary Women Writers
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 core course toward the minor in gender studies. V.2, V.5.

ENGL 340 (3)–The English Renaissance
Prerequisite: Sophomores with permission. A survey of literature, especially poetry, in the age of Shakespeare. Emphasis will be put on Renaissance literature’s relationship to its cultural and political contexts. Topics to be considered include: humanism, the court, the Protestant Reformation, colonialism, Puritanism, the English Civil War. Authors include Sir Thomas More, Shakespeare, Marlowe, Spenser, Sidney, Donne, and Milton. Offered alternate years. V.1, V.2.

ENGL 361 (1, 2, or 3)–Special Study
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 367 (3)–Visionary Rebels: Romantic Artists
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 368 (3)–Topics in Nineteenth-Century British Literature and Culture
Prerequisite: Sophomores with permission. Topics will vary by semester. V.2.

ENGL 374 (3)–Great Nineteenth-Century British Novels
Prerequisite: Sophomores with permission. In this course we will study the great canonical works of the nineteenth-century in Britain. Authors may include Dickens, the Brontes, Eliot, Hardy, Shelley, and Trollope. Offered alternate years in the spring semester. V.1, V.2.

ENGL 377 (.5, 1, 2, or 3)–Internship
Prerequisite: Permission of the instructor, department chair, and dean. This course is graded P/CR/NC only.

ENGL 380 (3)–Classics of Modern Drama
Prerequisite: Sophomores with permission. A study of the major western playwrights, dramatic theories, and theatrical styles of the twentieth century. The dramatists studied will include Ibsen, Chekov, Synge, Pirandello, O’Neill, Williams, Miller, Beckett, Ionesco, Hansberry, Pinter, and Wilson. Offered alternate years. V.2, V.6a.
ENGL 393 (3)–Modern Poetry I  
*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 *adjunct course toward the minor in gender studies.*  
III.O, V.2.

ENGL 394 (3)–Modern Poetry II  
*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 *adjunct course toward the minor in gender studies.*  
III.O, V.2.

ENGL 397 (3)–Modern Fiction  
*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.  
V.1, V.2.

ENGL 398 (3)–Contemporary Fiction  
*Prerequisite: Sophomores with permission.*  
A seminar exploring developments in world fiction in English from the mid-20th through the 21st century. Topics include the novel and the future, globalization, terrorism, feminisms, masculinities, colonialisms past and present, and transnational identities. Readings will include works in English from countries such as the U.S., Britain, Ireland, Canada, South Africa, India, and Pakistan. Offered alternate years in the spring semester. May be counted as an *adjunct course toward the minor in gender studies.*  
V.2.

ENGL 452 (1)–Senior Exercise  
An independent research project developed in conjunction with a 300-level literature course or a 200-level literature course with permission of the instructor. (See description of senior exercise under major requirements. Workload in accompanying course will be adjusted to reflect the work done for this project.) Required of all English and English and Creative Writing majors.

ENGL 461 (1, 2, or 3)–Independent Study  
*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.

**Course Descriptions—Creative Writing**

ENGL 106 (3)–Introduction to Creative Writing  
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 201 (3)–Fiction Workshop  
*Prerequisite: ENGL 106.*  
A course in which students will submit original fiction to be discussed in class and in individual conferences with the instructor. This course may be repeated once for credit.  
III.O, III.W, V.6b.

ENGL 207 (3)–Poetry Workshop  
*Prerequisite: ENGL 106.*  
A course in which students will be given writing assignments with particular emphasis on craft and will submit original poems to be discussed in class. This course may be repeated once for credit.  
III.O, III.W, V.6b.
ENGL 211 (3)–Print and Electronic Journalism I
Introductory course in researching, reporting, and writing stories for both print and electronic media. The course covers investigative reporting, arts criticism, and general event reporting. III.W, V.6b.

ENGL 228 (3)–The Art of the Essay
Prerequisite: First-year students with permission. The study and writing of advanced expository prose that goes beyond the academic essay and pays attention to concerns such as audience, point of view, metaphor, and tone. The readings for the course will be essays by current and former students of this course as well as by well-known writers such as Virginia Woolf, George Orwell, E.B. White, James Baldwin, and Joan Didion. Counts as a 200-level workshop in creative writing. III.W, V.6b.

ENGL 233 (3)–Special Topics in Creative Writing
Prerequisite: ENGL 104 or ENGL 106. Topic will vary by semester. Topic for Fall 2008: “Did It Really Happen That Way? Ethics and Innovation in Nonfiction” This course focuses on major works of nonfiction that raise ethical and aesthetic concerns about the blurring of the line between fiction and nonfiction, truth telling and fabrication. The aim of the course is for students to confront the ethical and legal concerns in their own work while also considering the aesthetic/conceptual reasons why authors might intentionally blur this line. III.W, V.6b.

ENGL 308 (3)–Advanced Poetry Workshop
Prerequisite: ENGL 207. An advanced course in which students will be given writing assignments with particular emphasis on craft and will submit original poems to be discussed in class. This course may be repeated once for credit. III.W, V.6b.

ENGL 311 (3)–Print and Electronic Journalism II
Prerequisite: ENGL 211. This course builds on concepts developed in ENGL 211. More kinds of journalistic writing are covered, including political reporting, business reporting, and feature writing. Offered alternate years. III.W, V.6b.

ENGL 312 (3)–Advanced Fiction Workshop
Prerequisite: ENGL 201. An advanced course in which students will submit original fiction to be discussed in class and in individual conferences with the instructor. This course may be repeated once for credit. III.W, V.6b.

ENGL 314 (3)–Advanced Creative Nonfiction Workshop
Prerequisite: ENGL 228. An advanced course in which students will submit original nonfiction to be discussed in class and in individual conferences with the instructor. Students will also read and discuss published texts of creative nonfiction. This course may be repeated once for credit. III.W, V.6b.

ENGL 312 (3)–Advanced Fiction Workshop
Prerequisite: ENGL 201. An advanced course in which students will submit original fiction to be discussed in class and in individual conferences with the instructor. This course may be repeated once for credit. III.W, V.6b.

Environmental Studies
The Department of Environmental Studies 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 studies.

The Environmental Studies Major (B.A.)
(51-52 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 202 (1) - Environmental Sciences Laboratory
ENVR 208 (3) - Surface Waters
ENVR 215 (3) - Environmental Policy Analysis
ENVR 220 (3) - Applied Environmental Analysis
ENVR 309 (3) - Energy and Atmospheric Pollution
ENVR 316 (3) - Introduction to Geographic Information Systems
ENVR 446 (3) - Evaluation of Environmental Issues
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—Choose 1 of the following:
ENVR 377 (3) - Internship
ENVR 450 (3) - Senior Research in Environmental Studies

Choose 3 of the following courses, at least one of which must be at the 300-level or above:
ANTH 317 (3) - Ecological Anthropology
BIOL 218 (4) - Field Natural History
BIOL 316 (3) - Seminar in Conservation Biology
ECON 256 (3) - Development Economics
ENVR 131 (3) - Physical Geography: Landscapes
ENVR 210 (3) - Humans and Wildlife
ENVR 223 (3) - The Global Environment
ENVR 228 (3) - Oceanography
ENVR 322 (3) - Ecological Modeling
ENVR 329 (3) - Global Diversity Conservation
ENVR 393 (3) - Topics in Environmental Studies
ENVR 416 (3) - Advanced Geographic Information Systems
SOCI 220 (3) - Community
SOCI 370 (3) - Environmental Sociology

The Environmental Science Major (B.S.)
(61-62 semester hours)

Core Requirements:
BIOL 324 (4) - Ecology
CHEM 131 (4) - General Chemistry
CHEM 141 (1) - General Chemistry Lab
CHEM 226 (1) - Environmental Analytical Chemistry Lab
ECON 101 (3) - Principles of Microeconomics
ENVR 101 (3) - Introduction to Environmental Issues
ENVR 131 (3) - Physical Geography: Landscapes
ENVR 133 (1) - Physical Geography Laboratory
ENVR 202 (1) - Environmental Sciences Laboratory
ENVR 208 (3) - Surface Waters
ENVR 215 (3) - Environmental Policy Analysis
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<td>Applied Environmental Analysis</td>
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<td>ENVR 309</td>
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<td>Energy and Atmospheric Pollution</td>
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<td>ENVR 316</td>
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<td>Introduction to Geographic Information Systems</td>
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<td>ENVR 433</td>
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<td>Calculus I</td>
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**Choose 1 of the following courses:**
- MATH 124 (4) - Calculus II
- MATH 205 (3) - Applied Statistics

**Senior Exercise:**

**Choose 1 of the following:**
- ENVR 377 (3) - Internship
- ENVR 451 (3) - Senior Research in Environmental Science

**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 210 (3) - Humans and Wildlife
- ENVR 228 (3) - Oceanography
- ENVR 322 (3) - Ecological Modeling
- ENVR 329 (3) - Global Biodiversity Conservation
- ENVR 393 (3) - Topics in Environmental Studies
- ENVR 416 (3) - Advanced Geographic Information Systems
- MATH 315 (3) - Biostatistics

### The Environmental Studies Minor

*(18 semester hours)*

**Required:**
- ECON 342 (3) - Ecological Economics
- ENVR 101 (3) - Introduction to Environmental Issues
- ENVR 316 (3) - Introduction to Geographic Information Systems

**Choose 9 additional semester hours of ENVR courses.**

### The Environmental Science Minor

*(18 semester hours)*

**Required:**
- ENVR 101 (3) - Introduction to Environmental Issues
- ENVR 208 (3) - Surface Waters
- ENVR 220 (3) - Applied Environmental Analysis
- ENVR 316 (3) - Introduction to Geographic Information Systems

**Choose 2 courses from the following:**
- ENVR 131 (3) - Physical Geography: Landscapes
- ENVR 228 (3) - Oceanography
- ENVR 244 (3) - Environmental Chemistry
- ENVR 309 (3) - Energy and Atmospheric Pollution
- ENVR 322 (3) - Ecological Modeling
- ENVR 329 (3) - Global Biodiversity Conservation
- ENVR 416 (3) - Advanced Geographic Information Systems
- ENVR 433 (3) - Advanced Lab in Environmental Science
- ENVR 446 (3) - Evaluation of Environmental Issues
Course Descriptions

ENVR 101 (3)—Introduction to Environmental Issues
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 131 (3)—Physical Geography: Landscapes
A study of the geologic processes that shape the Earth’s surface and their relationship to human activities, including natural hazards such as volcanoes, earthquakes, and landslides. Mountains, rivers, glaciers, deserts, coastlines, and soil-forming processes are investigated within the context of plate tectonics so that the pattern of landforms and soil types around the world can be better understood. V.8a.

ENVR 133 (1)—Physical Geography Laboratory
Prerequisite or co-requisite: ENVR 131.
Hands-on investigation of Earth surface processes, landforms, and soils. Activities include interpretation of topographic maps and aerial photographs, basic rock and mineral identification, soil sampling and description, experiments with water flow, and field exercises in geologic observation and interpretation. V.8b.

ENVR 202 (1)—Environmental Sciences Laboratory
Prerequisite or co-requisite: ENVR 208; non-majors by permission.
An introduction to the field and laboratory aspects of environmental science including field trips to industrial, agricultural, and wastewater facilities. Students will achieve competency in the practice of wet chemistry, bioassays, habitat and stream assessment, wetlands delineation, and personal protective equipment use. V.8b.

ENVR 208 (3)—Surface Waters
Prerequisite: ENVR 101.
A study of freshwater and brackish water systems including streams, lakes, and estuaries. Physical, chemical, and biologic components of aquatic environments are examined with an emphasis on water quality, aquatic biology, watershed analysis, and water resource management. Hydrologic data analysis is stressed and performed using computers. V.8a.

ENVR 210 (3)—Humans and Wildlife
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 (3)—Environmental Policy Analysis
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 (3)—Applied Environmental Analysis
Prerequisite: ENVR 208.
An examination of the processes used to understand, analyze, and solve environmental problems. Students are introduced to experimental design and the use of statistics to analyze data. Problems involving stock, dimensional, and mass balance analysis are studied. The fundamentals of environmental toxicology and ecological risk assessment are applied to environmental issues. This course cannot be taken on a P/CR/NC grading option.
ENVR 223 (3)–The Global Environment  
**Prerequisite:** ENVR 101. An examination of the social, economic, and ecological impacts of global environmental and natural resource problems, and the role of international institutions in their formation and mitigation. The course will explore the unique characteristics of global issues and examine our role and responsibilities in dealing with them. Topics may include global warming, limits to growth, population, economic development, and sustainability. Offered alternate years. V.5, V.7.

ENVR 228 (3)–Oceanography  
**Prerequisite:** At least one course in BIOL, CHEM, ENVR, or PHYS. Introduction to the geological, chemical, physical, and biological 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; and life in the ocean. Emphasis will be placed on the climatic and environmental importance of the ocean. Offered alternate years. V.8a

ENVR 244 (3)–Environmental Chemistry  
**Prerequisites:** CHEM 131 and ENVR 208. **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 (1, 2, or 3)–Directed Study  
**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 (3)–Energy and Atmospheric Pollution  
**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. Offered alternate years.

ENVR 316 (3)–Introduction to Geographic Information Systems  
**Prerequisite:** Permission required for first-year students. A hands-on introduction to the nature and use of geographic information systems (GIS) as applied to natural and social science issues. This course is suitable for students from a wide range of majors. Lecture introduces maps and map-making, GIS fundamentals, the global positioning system (GPS), and remote sensing. Lab time involves learning how to use ArcGIS software and to make a web page. Two hours lecture and three hours lab per week.

ENVR 322 (3)–Ecological Modeling  
**Prerequisites:** BIOL 324 and MATH 123. An application of modeling techniques to ecological systems and conservation problems. Students learn to examine ecological problems, determine the critical elements for analysis, develop quantitative models to perform the analysis, and generalize the results to address the original problem. The course begins with simple models, then progresses in complexity as students develop their modeling skills. Emphasis is placed on developing practical approaches to solving real-world problems. Offered alternate years.

ENVR 329 (3)–Global Biodiversity Conservation  
**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 (1, 2, or 3)—Special Study**  
**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 (1, 2, or 3)—Internship**  
**Prerequisite:** Permission of the instructor, department chair, and dean. This course is graded P/CR/NC only.

**ENVR 393 (3)—Topics in Environmental Studies**  
**Prerequisite:** Permission of the instructor. A focused investigation of a particular area of environmental studies. Topics will vary.

**ENVR 416 (3)—Advanced Geographic Information Systems**  
**Prerequisite:** ENVR 316. Hands-on exploration of advanced topics in geographic information systems (GIS), including database management, spatial data models, spatial analysis tools, and basic cartographic modeling. Involves application of ArcGIS software to a variety of geographic problems. Offered alternate years.

**ENVR 433 (3)—Advanced Lab in Environmental Science**  
**Prerequisites:** BIOL 324, CHEM 226, ENVR 202, ENVR 208, 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 (3)—Evaluation of Environmental Issues**  
**Prerequisite:** ENVR or ENVS 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 (3)—Senior Research in Environmental Studies**  
**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 (3)—Senior Research in Environmental Science**  
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 (1, 2, or 3)—Independent Study**  
**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.

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**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
(23-26 semester hours)

Required by both concentrations:
ECON 101 (3) - Principles of Microeconomics
BUSN 127 (3) - Accounting I
BUSN 131 (3) - Fundamentals of Management
BUSN 150 (3) - Fundamentals of Marketing
RDPR 169 (0) - Basic Horse Care

Choose 1 of the following concentrations:
Management Concentration
Required:
BUSN 351 (3) - Marketing Research
ENVR 101 (3) - Introduction to Environmental Issues
RDPR 361 (3) - Special Study
RDPR 390 (2) - Farm and Stable Management

Teaching and Schooling Concentration
Required:
PSYC 101 (3) - Introductory Psychology
RDPR 295 (1) - Techniques for Student Teachers
RDPR 392 (3) - Theory and Practice of Schooling Horses
RDPR 396 (3) - Contemporary Riding and Teaching

Choose 1 of the following:
BIOL 222 (4) - Animal Behavior
EDUC 103 (3) - Teaching, Learning and Human Development
PSYC 231 (4) - Animal Learning

The Film Studies Minor
(18 semester hours)

Required:
ENGL 149 (3) - Introduction to Film Studies
ENGL 150 (3) - Introduction to Film History

Choose 6 credit hours from the following adjunct courses:
ANTH 281 (3) - Visual Anthropology
ASIA 218 (3) - Chinese Cinema
ENGL 248 (3) - Topics in Film Studies
FREN 217 (3) - French Cinema
ITAL 254 (3) - Images and Reality in the Italian Cinema
PHIL 204 (3) - Philosophy and Film
THTR 170 (3) - Theatre on Film
Other approved courses.

Choose two of the following courses:
ENGL 301 (3) - Hollywood Genres
INTD 302 (3) - Film and Literature
Other approved courses.

Note: One independent study course may be counted towards the minor. If the student wishes to count an independent study towards the requirement for a minor, she must complete a major term paper, project or the appropriate equivalent which focuses on film studies in that course. The Film Studies Committee will review the work before granting credit toward the minor.

Film Studies

Film studies is an interdisciplinary field of knowledge and inquiry devoted to the study of the significance of moving images in global society. Film studies minors explore 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. The film studies minor also comprises several discipline-based adjunct courses as well as individual directed study film studies projects. Two film studies courses are required for the minor and provide students with the foundation for a serious investigation of the making and viewing of moving images. Adjunct courses enable students to study, in depth, how moving images are understood and explored in specific disciplines. Adjunct courses have been offered in anthropology, Asian studies, biology, classics, English, French, Italian, philosophy, religion and theatre.
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, Studio Art, or Theatre.

Additional course requirements:

- ARMG 105 (4) - The Arts Organization
  - APLOMB: Audience, Program, Leadership, Outreach, Mission, and Balance

Choose 1 additional three-credit course in 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 201, ENGL 207, ENGL 211, ENGL 228, ENGL 233, ENGL 308, ENGL 311, ENGL 312, ENGL 314

- Dance: DANC 107, DANC 109, DANC 111, DANC 207, DANC 209, DANC 211, DANC 223, DANC 224, DANC 311

- Music: MUSC 177, MUSC 179, MUSC 181, MUSC 183, MUSC 185, MUSC 187, MUSC 189, MUSC 191, MUSC 193, MUSC 195, 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 158, MUSC 212, MUSC 213, MUSC 331, MUSC 338, MUSC 340, MUSC 358

- 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 (1) – Fine Arts Workshop
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 (3) – Senior Thesis
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.

Gender Studies

Gender Studies is an interdisciplinary field of knowledge and inquiry whose purpose is to study the significance of gender - and its intersection with race, ethnicity, class, sexual orientation, religion, and other primary categories of identity - for the organization of social life. The Gender Studies Program at Sweet Briar consists of a selected number of “GNDR” and other discipline-based courses. Three GNDR courses, which are required for the minor, explore the approaches, modes of inquiry, and objects of knowledge encompassed by gender studies, including: sex, gender, identity formation, and the implications of gendered systems of power. Core discipline-based courses with a primary focus on gender provide students with an opportunity to analyze how issues of sex and gender are understood and addressed within specific disciplines. Additionally, there are a variety of adjunct courses (available for credit toward the minor) that include significant information on gender in their content.

The Gender Studies Minor
(18 semester hours)

Required:
GNDR 101 (3) - Introduction to Gender Studies
GNDR 205 (3) - Gender, Sexuality, and Identity
GNDR 340 (3) - Topics in Gender Studies

Choose 2 of the following core courses:
ANTH 274 (3) - Sex and Gender: An Anthropological Perspective
ARCH 223 (3) - Women and Gender in Archaeology
ARTH 303 (3) - Seminar on Women Artists
ARTH 336 (3) - Studies in Medieval Art and Architecture (when content is appropriate)
CLAS 307 (3) - Gender and Sexuality in the Ancient Mediterranean

French

See Department of Modern Languages and Literatures on page 144.
ENGL 332 (3) - Modern and Contemporary Women Writers
FREN 250 (3) - Masterpieces of French Culture
GOVT 232 (3) - Women, Law, and Politics
HIST 228 (3) - Women in America
HIST 234 (3) - Masculinity and Power in America
HIST 240 (3) - Gender, Sexuality, and Family in Pre-modern Europe
HIST 321 (3) - Studies in Medieval History
ITAL 317 (3) - Mothers of Courage
Approved honors, topical seminar course, internship, or independent study.

Choose 1 of the following adjunct courses:
ARTH 116 (3) - Survey of Art History II
ARTH 253 (3) - Early 20th-Century Art: Fauvism to Surrealism
ARTH 255 (3) - Contemporary Art
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
ENGL 108 (3) - Women and Literature
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 I
ENGL 394 (3) - Modern Poetry II
ENGL 398 (3) - Contemporary Fiction
FREN 217 (3) - French Cinema
HIST 322 (3) - Renaissance and Reformation
PHIL 275 (3) - Political Philosophy
PSYC 222 (3) - Social Psychology
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 250 (3) - Social Work
SOCI 330 (3) - Social Stratification
Approved honors, topical seminar course, internship, or independent study.

Notes: In order to count as an adjunct 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 GNDR Advisory Committee may ask to review the work before granting credit toward the minor.

Course Descriptions

GNDR 101 (3) — Introduction to Gender Studies
This course will survey issues that preoccupied many of the key figures of the nineteenth- and early twentieth-century women’s movements in the United States and traces the growth of these movements into a field of academic study. It will also introduce several of the theoretical approaches that have developed out of feminist studies, including queer, ethnic, and masculinity studies. III.W, V.5.

GNDR 205 (3) — Gender, Sexuality, and Identity
Prerequisite: GNDR 101. This course investigates the social construction of gender and sexuality. Students will read narratives that conceptualize identity, desire, and the body. In addition to theoretical and historical essays drawn from contemporary sexuality studies, course materials may include fiction, autobiography, memoir, and film. V.5.

GNDR 261 (1, 2, or 3) — Directed Study
Prerequisites: One GNDR 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.
GNDR 271 (3)–Gender Roles and Society
An interdisciplinary exploration of the relationship of gender roles to identity, body image, sexuality, morality, marriage, employment, and leadership. Examines the socialization of gender roles in the U.S., with cross-cultural comparisons, focusing on female and male roles in families, the media, popular culture, schools, and state policies, within the context of socio-economic class, race, ethnicity, geographic locations, and historical periods. V.5.

GNDR 272 (3)–Topics in Gender Studies
Intensive investigation of the works of one author, or of several authors in a particular area of gender studies. Topics will vary. May be repeated for credit with permission of instructor. Topic for Spring 2009: “Women and Gender in Biblical Literature.” A seminar centered on reading recent works in feminist biblical interpretation. Biblical sources will include the Hebrew Bible, New Testament, and Quran, as well as supplemental materials from the ancient Near East. Emphasis will be placed primarily upon classroom dialog arising from the reading list. The course will examine the experience of women in the ancient Near East, the diverse roles women play in biblical narrative, and the variety of modern interpretations of those ancient materials. V.5.

GNDR 340 (3)–Topics in Gender Studies
Prerequisite: GNDR 101. This course provides an opportunity for students to explore a particular topic in gender studies. Topics will vary. May be repeated for credit with permission. V.5.

GNDR 351 (3)–International Women’s Rights
Prerequisite: Sophomore standing. A survey of world-wide women’s rights efforts from the late eighteenth century to the present investigating the impact of culture, economic development, human rights conventions, and Western and Third World feminism. Indigenous, underground, and outside initiatives to improve conditions for women and girls, including education, health care, employment, citizenship, safety, and other trans-national issues will be explored. V.4, V.5.

GNDR 361 (1, 2, or 3)–Special Study
Prerequisites: 100-level GNDR 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.

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

GNDR 461 (1, 2, or 3)–Independent Study
Prerequisites: One 100-level GNDR course, one 200-level GNDR 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.

German
See Department of Modern Languages and Literatures on page 144.

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 prepara-
tion 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

Senior Exercise:
GOVT 452 (3) - Senior Seminar

Choose 3 of the following courses:
GOVT 303 (3) - The American President
GOVT 312 (3) - American Political Development
GOVT 320 (3) - Politics of Africa
GOVT 322 (3) - The Conduct of United States Foreign Policy

Choose 7 additional courses in government or law and society.

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
(36 semester hours)

Core Requirements:
ECON 101 (3) - Principles of Microeconomics
ECON 202 (3) - Intermediate Macroeconomics
GOVT 109 (3) - Introduction to International Politics
GOVT 122 (3) - Introduction to Comparative Politics
GOVT 322 (3) - The Conduct of United States Foreign Policy
HIST 210 (3) - Modern Europe, 1700-2004: From Absolutism to EU Enlargement

Senior Exercise:
GOVT 454 (3) - Senior Seminar in International Affairs

Concentration Requirements (Choose either Area Studies or Topic Studies):

Area Studies (15 credits):

Choose 5 courses relevant to one of the following areas of the world: Europe, Asia, Latin America, or Africa. Sample sequences are listed below.

Europe:
FREN 216
GOVT 325
HIST 210
HIST 245
HIST 355

Asia:
ASIA 206
ASIA 235
ASIA 236
RELG 222

Latin America:
GOVT 318
LAST 201
LAST 202
RELG 235
SPAN 255
AFRICA:
ANTH 215
GOVT 320
GOVT 338
HIST 269
HIST 272
RELG 248

Topic Studies (15 credits)
Choose 1 of the following areas of concentration in topic studies:

Conflict Resolution Concentration:
Choose 5 of the following courses:
GOVT 335 (3) - Military Force in International Relations
GOVT 338 (3) - Comparative Islamic Politics
GOVT 345 (3) - International Conflict Resolution
HIST 251 (3) - Idea of Race
HIST 348 (3) - 19th- and 20th-Century Nationalism
HIST 355 (3) - War and Society in Modern Europe
HIST 358 (3) - The Cold War as History
RELG 111 (3) - Good and Evil
RELG 255 (3) - Islam

Development and Environment Concentration:
Choose 5 of the following courses:
ECON 256 (3) - Development Economics
ECON 342 (3) - Ecological Economics
ENVR 223 (3) - The Global Environment
GOVT 338 (3) - Comparative Islamic Politics
Additional course(s) approved by advisor

International Political Economy Concentration:
Choose the following courses:
BUSN 337 (3) - International Management
ECON 201 (3) - Intermediate Microeconomics
ECON 219 (3) - Money and Banking
ECON 256 (3) - Development Economics

One additional three-credit course approved by advisor.

International Experience Requirement
Prior to graduation, all international affairs majors are expected to have traveled abroad as part of an organized study program with substantial academic content. This requirement may be satisfied through participation in a junior year, semester, May term, or summer study abroad program at Sweet Briar or through another approved college or university. In lieu of travel abroad, a domestic internship in a position with significant international content may be substituted with the approval of the advisor.

Recommended: Whenever practicable, majors are strongly advised to study a foreign language beyond the intermediate level.

Course Descriptions
GOVT 109 (3) – Introduction to International Politics
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 (3) – Introduction to Comparative Politics
A study of the political systems that exist around the world, using India, China, France, Iran, and Nigeria as case studies. Institutions, political process and distribution of power among actors, as well as the role of religion, gender, and other influences are examined in depth. This course cannot be taken on a P/CR/NC grading option. V.7.

GOVT 159 (3) – Introduction to American Government
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. III.W, V.7.

GOVT 201 (3)—Government and Politics of East Asia
Prerequisites: GOVT 122 recommended; sophomore standing. This course surveys the origins, institutions, and policy processes of the major political systems of East Asia. Particular attention will be paid to the events and forces which shaped Chinese, Japanese, and Korean politics in the 20th century as well as to the issues which these polities must address in the future. V.4, V.7.

GOVT 213 (3)—Politics of Legal Order
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 (3)—Media and Politics
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 229 (3)—American Politics and Popular Culture
This course will examine the development of American politics and law through the lens of popular culture, from the colonial era to the present. Using novels, plays, movies, television, and other media, we will trace the development of myths and symbols that illuminate the transformation and development of the American state over time. Offered alternate years. This course cannot be taken on a P/CR/NC grading option. V.7.

GOVT 232 (3)—Women, Law, and Politics
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 238 (3)—How Leaders Decide
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 261 (1, 2, or 3)—Directed Study
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 (3)—The American President
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 (3)—Congress
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 312 (3)–American Political Development

*Prerequisite: GOVT 159.* The study of the American regime from the Revolution to the present. Particular focus will be on the evolution of the concepts of sovereignty, regulation, civil rights, and civic obligations, within the context of the development of the American state. Offered alternate years. This course cannot be taken on a P/CR/NC grading option. III.W, V.7.

GOVT 315 (3)–The U.S. Supreme Court

*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 (3)–U.S. Civil Rights and Liberties

*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 318 (3)–Comparative Politics of Latin America

*Prerequisite: GOVT 122 or one course in Latin American studies.* An introduction to the politics and government of the twenty Latin American republics. Special attention will be given to the political development of selected Latin American political systems. Offered alternate years. V.4, V.7.

GOVT 320 (3)–Politics of Africa

*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 (3)–The Conduct of United States Foreign Policy

*Prerequisite: GOVT 109.* A study of the formulation, conduct, and content of contemporary United States foreign policy. V.7.

GOVT 325 (3)–Topics in Contemporary European Affairs

*Prerequisite: GOVT 122.* Examines major issues facing the countries of Europe, notably political, economic, and social integration through the European Union. Topics and countries to be discussed will vary. This course cannot be taken on a P/CR/NC grading option. III.W.

GOVT 329 (3)–Topics in Government

*Prerequisite: Vary by topic.* 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.

GOVT 332 (3)–Terrorism and Insurgency

*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 (3)–Military Force in International Relations

*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 338 (3)—Comparative Islamic Politics**
*Prerequisite: GOVT 122 and upper-class standing.* This course explores the interplay between Islam and politics through case studies of political systems and movements in the Islamic world. Particular attention will be paid to Islam’s implications for political authority and its impact on law and public policy. Offered alternate years. **V.4.**

**GOVT 345 (3)—International Conflict Resolution**
*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, tradeoffs 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 361 (1, 2, or 3)—Special Study**
*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 (1, 2, or 3)—Internship**
*Prerequisites: Three credits in GOVT and permission of the instructor, department chair, and dean.* This course is graded P/CR/NC only.

**GOVT 452 (3)—Senior Seminar in Government**
*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 (3)—Senior Seminar in International Affairs**
*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 (1, 2, or 3)—Independent Study**
*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 209 (3) - Medieval and Early Modern Europe 1100-1700**
- **HIST 210 (3) - Modern Europe, 1700-2004: From Absolutism to EU Enlargement**
Senior Exercise:
HIST 452 (3) - Senior Seminar

Choose 1 of the following courses:
HIST 103 (3) - Introduction to History: Intoxication and Addiction in American History
HIST 105 (3) - Introduction to History: Doing Sweet Briar History
HIST 107 (3) - Introduction to History: Stalin and Hitler
HIST 108 (3) - Introduction to History: Modern Law and Medieval Past

Choose 1 course in U.S. History from the following:
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) - Masculinity and Power in America
HIST 241 (3) - America, Origins to 1877
HIST 242 (3) - The United States, 1877 to the Present

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 223 (3) - The Ancient World, 8000 BC to 300 AD
HIST 224 (3) - The Medieval West, 400-1350
HIST 240 (3) - Gender, Sexuality, and Family in Pre-modern Europe
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 245 (3) - The History of Imperial Russia
HIST 251 (3) - The Idea of Race
HIST 344 (3) - Genocide and Ethnic Cleansing in the 20th Century
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: A course in African history (HIST 269, HIST 272, or HIST 373) 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 209 (3) - Medieval and Early Modern Europe 1100-1700
HIST 210 (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
(36 semester hours)

Required:
ECON 101 (3) - Principles of Microeconomics
HIST 209 (3) - Medieval and Early Modern Europe 1100-1700
HIST 210 (3) - Modern Europe, 1700-2004: From Absolutism to EU Enlargement
HIST 223 (3) - The Ancient World, 8000 BC to 300 AD
HIST 241 (3) - American, Origins to 1877
HIST 242 (3) - The United States, 1877 to the Present
HIST 269 (3) - Africa in World Affairs
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

Introduction to History—HIST 103, HIST 105, HIST 107, HIST 108
How do historians construct our view of the past? Each of the four courses listed below will not only introduce students to a particular period or series of events, but also expose them to the historical craft. They will examine how historians select questions for study, how they seek eyewitness accounts and interpret them, and how they present their findings. These courses are designed especially to introduce first- and second-year students to the study of history; and they will be offered in a two-year rotation, one course each term.

HIST 103 (3)—Introduction to History: Intoxication and Addiction in American History
Prerequisite: Open to first-year students and sophomores; others by permission of the instructor. Contemporary commentators regard addiction as a biological and psychological condition, rooted in heredity, biochemistry, and family dynamics. Yet, historians have argued that prior to 1800, there were no alcohol addicts, only Americans who overindulged in drink. In this course we will examine evidence bearing on this radical thesis. By examining the experiences of Native Americans, native-born Protestants, and immigrant groups, we will also examine how women’s concerns shaped nineteenth-century movements to control the use of alcohol and the American society. Documents bearing on the point of view of sufferers as well as professionals and reformers will be considered. Offered alternate years. III.W, V.1, V.5.

HIST 105 (3)—Introduction to History: Doing Sweet Briar History
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 (3)—Introduction to History: Stalin and Hitler
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 108 (3)–Introduction to History: Modern Law and Medieval Past

Prerequisite: Open to first-year students and sophomores; others by permission of the instructor. The roots of many contemporary western legal concepts reach far back into the past. This seminar explores the development of such topics as punishment, “just war,” the foundations of civil rights, legal “personhood,” and the Judeo-Christian underpinnings of western jurisprudence. Readings encompass primary historical sources and modern documents. Student writing will include essays, briefs, and a legal history research paper. Offered alternate years. May be counted toward the minor in law and society. III.W, V.1.

HIST 121 (3)–Early and Medieval Britain

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 (3)–English History, 1500-1689

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 206 (3)–Modern Israel

The Jewish national movement arose in nineteenth-century Europe as a response to Enlightenment ideals. The growth of nation-states coupled with the spread of democratic ideologies prompted many Jews to experiment with many forms of social Utopia that eventually became the modern state of Israel. The study of contemporary sources will shed light on the origins of Zionist ideology, the role of women in the development of the kibbutz collective settlement, and finally, the conflict between Israel and Arabs after the founding of the state in 1948. Offered alternate years. III.W, V.1, V.7.

HIST 209 (3)–Medieval and Early Modern Europe 1100-1700

A survey of some major themes in European history between the 12th and 17th centuries. Topics will include knightly society and the code of chivalry; the growth of cities and urban culture and values; monarchy and state building; relations between church and state; Renaissance culture; traditional religion, the Reformation and the “Wars of Religion;” changing social and familial structures. V.1.

HIST 210 (3)–Modern Europe, 1700-2004: From Absolutism to EU Enlargement

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 216 (3)–A Clash of Civilizations?
The Habsburgs and Ottoman Empires, 1246-1923

Prerequisite: HIST 209 or HIST 210. The Habsburg and Ottoman Empires are two entities that significantly shaped the courses of European and Middle Eastern history. This course explores the religious, political, social, and economic relationships of the empires over the course of six and a half centuries with a focus on the last 200 years of their existence. We will discuss the rise and fall of the empires and their legacies on the shaping of modern Eastern European, Balkan, and Middle Eastern national movements and states. Offered every three years. V.1, V.7.
HIST 221 (3)—Spirituality and Religious Institutions in U.S. History
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 (3)—The Ancient World, 8000 BC to 300 AD
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. May be counted toward the majors in classics. V.1.

HIST 224 (3)—The Medieval West, 400-1350
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 (3)—The U.S. South
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 (3)—Women in America
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 core course toward the minor in gender studies. V.1, V.5.

HIST 234 (3)—Masculinity and Power in America
This course explores the changing ideals and activities defining American manhood from the colonial period through the present. We will inquire into the cultural and social forces that shaped the “male” public sphere in the 18th and 19th centuries. Other topics include the varied relations between male identity and work, home life and leisure, the emergence of sexuality as a key component of masculinity, and the impact of urbanization, immigration and race on ideals of manhood. Offered alternate years. May be counted as a core course toward the minor in gender studies. III.W, V.1, V.5.

HIST 240 (3)—Gender, Sexuality and Family in Pre-modern Europe
Prerequisite: HIST 127, HIST 209, HIST 223, or HIST 224 recommended. This course explores gender and sexuality in Europe and the Mediterranean from late antiquity to the Industrial Revolution. It considers such topics as marriage and the family, “women’s work,” the influence of law and religion on gender roles and sexuality, and early debates about the differences between the sexes. It also investigates the conflicting theoretical approaches to understanding gender difference, sex roles and sexual identity. Offered alternate years. May be counted as a core course toward the minor in gender studies. III.W, V.1, V.5.

HIST 241 (3)—America, Origins to 1877
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 242 (3)—The United States, 1877 to the Present
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 245 (3)—The History of Imperial Russia
Prerequisite: HIST 210. A study of major political, diplomatic, economic, and social developments from Kievian Rus to the fall of the tsarist state in 1917. Special emphasis will be placed on the expansion of Moscovy and Russian imperialism. Offered alternate years.

HIST 246 (3)—The Soviet Union and Beyond
Prerequisite: HIST 210 or HIST 245. A study of major political, diplomatic, economic, and social developments from the Bolshevik Revolution of 1917 to the presidency of Vladimir Putin. Special emphasis will be placed on the state’s continued expansionism and Soviet imperialism, Stalinism and de-Stalinization, World War II, and the Cold War. Offered alternate years.

HIST 248 (3)—The Idea of Race
Prerequisite: HIST 107, HIST 210, HIST 344, or HIST 348. Race is a relatively new idea in Western civilization, and the course will trace its creation in eighteenth century Europe as a response to the African slave trade, through the nineteenth century’s growth of “race science” and Imperialism, and finally into twentieth century versions in such diverse movements as Fascism and anti-colonialism. Although the course focuses on Western Europe, some mention will be made of North America. III.W, V.1, V.5.

HIST 258 (3)—History of Crime and Punishment in the West
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 adjunct course toward the minor in law and society. III.Q, V.1, V.7.

HIST 261 (1, 2, or 3)—Directed Study
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 269 (3)—Africa in World Affairs
An introduction to modern Africa from 1880 to the present that concentrates on the experience of Colonial rule and its relation to the rise of national movements that led to the creation of independent states in the 1960s. Special emphasis will be placed on economic and political developments during the period of independence that affect Africa’s international relations. V.4, V.5.

HIST 272 (3)—Pre-Colonial African History
An introduction to the development of African political culture from the tenth to nineteenth centuries. After studying the historical foundations of local institutions, the course will focus on the formation of states before and during the period of the slave trade until about 1860. Emphasis on contemporary historical sources. V.4, V.5.

HIST 308 (3)—Encounters, Conquest and European Expansion, 1350-1650
Prerequisite: HIST 209 or HIST 224. This course probes the economic, scientific, and territorial expansions that both fuelled 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 (3)–Virginia: History and Memory
Prerequisite: HIST 225 or HIST 241. Virginia has occupied a central if contested position in the cultural memory of Americans. This research seminar explores key dimensions of Virginia’s distinctive history, including its economic structure, race relations, and political culture. Through case studies of historical memorials, museums, and other sites of remembrance we will analyze the politics and social construction of collective memories of Virginia. Students will develop and present their own research projects, drawing on the rich public historical, printed, and archival resources available in Central Virginia. Offered every third year. This course may not be taken on a P/CR/NC grading option. III.O.

HIST 315 (3)–Illness and Healing in America
Prerequisite: HIST 103, HIST 221, HIST 228, HIST 234, HIST 241, 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 (3)–The Playground of Empires: Eastern Europe and the Balkans in the 19th and 20th Centuries
Prerequisite: HIST 209, HIST 210, or HIST 216. 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 (3)–Studies in Medieval History
Prerequisite: HIST 209. 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 a core course toward the minor in gender studies. III.W, V.5.

HIST 322 (3)–Renaissance and Reformation
Prerequisite: HIST 127 or HIST 209. 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 adjunct course toward the minor in gender studies. V.5.

HIST 330 (3)–The History of the European Union
Prerequisites: GOVT 109 and HIST 210. 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 336 (3)—Civil War, Reconstruction, and the New South  
**Prerequisite:** HIST 225, HIST 241, or HIST 242. 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 (3)—Slavery and Emancipation in America  
**Prerequisite:** HIST 225 or HIST 241. 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 344 (3)—Genocide and Ethnic Cleansing in the 20th Century  
**Prerequisite:** HIST 210 or HIST 258. The question of genocide and ethnic cleansing has been the primary focus for those concerned with human rights and preventing these horrific events. This course will explore a number of genocidal events in the 20th century with a particular focus on the Holocaust. We will delve into issues that deal not only with the experiences of the victims, but also with those of the perpetrators to understand how and why they acted in such a barbaric manner. Offered every third year. III.W, V.1, V.5.

HIST 348 (3)—19th- and 20th-Century Nationalism  
**Prerequisite:** HIST 210. 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 three years. V.5.

HIST 355 (3)—War and Society in Modern Europe  
**Prerequisite:** HIST 209 or HIST 210. 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 (3)—The Cold War as History  
**Prerequisite:** HIST 210. 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 (1, 2, or 3)—Special Study  
**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 (1, 2, or 3)—Internship  
**Prerequisites:** Three credits in HIST and permission of the instructor, department chair, and dean. This course is graded P/CR/NC only.
HIST 373 (3)—Making African History  
**Prerequisite: HIST 269 or HIST 272.** By evaluating introductory African history textbooks in light of recent scholarship, the course will treat the variety of ways that historians construct a view of history. We will compare textbooks with regards to selected topics and then survey recent research in academic journals to show how fresh research and novel questions change our views of African history.

HIST 452 (3)—Senior Seminar  
**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. IIIO.

HIST 461 (1, 2, or 3)—Independent Study  
**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.

History of Art  
C  
ourses 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:
ARTH 101 (3) - Introduction to Studio Art  
ARTH 110 (3) - Two-Dimensional Design  
ARTH 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 (3)–Survey of Art History I**
An historical and analytical introduction, considering representative monuments in their context and proposing ways of understanding visual evidence. Three hours lecture and one assigned discussion section. **V.1, V.6a.**

**ARTH 116 (3)–Survey of Art History II**
An historical and analytical introduction, considering representative monuments in their context and proposing ways of understanding visual evidence. Three hours lecture and one assigned discussion section. **V.1, V.6a.**

**ARTH 117 (3)–The Visual Experience: 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 (3)–The Art of Northern Europe, 1400-1600**
*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.6a.**

**ARTH 211 (3)–European Art c. 1700-1850**
*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 (3)–Early Renaissance Art in Italy**
*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 (3)–High Renaissance and Mannerist Art in Italy**
*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 (3)–European Art in the 17th Century**
*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 221 (3)–American Arts I**
*Area III, 18th Century to the Present*
A study of the artistic development of the United States from the Colonial period through the early nineteenth century. Paintings, architecture, and the decorative arts will all be considered with an emphasis on major artists, architects, and artisans, and the ways in which these groups influenced and responded to artistic and stylistic trends in America and from Europe. Offered alternate years. **III.O, V.6a.**

**ARTH 222 (3)–American Arts II**
*Area III, 18th Century to the Present*
A study of the artistic development of the United States from the early nineteenth century through the early twentieth century. Paintings, architecture, and the decorative arts will all be considered with an emphasis on major artists, architects, and artisans, and the ways in which these groups influenced and responded to artistic and stylistic trends in America and from an increasingly international perspective. Offered alternate years. **III.O, V.6a.**
ARTH 227 (3)—The History of the Interior
*Prerequisite: Permission of the instructor.* This course presents the history of the domestic interior from classical antiquity through the Renaissance and into the modern era, covering styles such as Rococo, Neoclassicism, Romanticism, Reform and Aestheticism, Art Nouveau and Art Deco, and Modernism. The focus will be an exploration of the ways in which furniture, decorative arts, and interior architecture function as a domestic expression of historical developments. Offered alternate years. **III.W, V.6a.**

ARTH 229 (3)—British Architecture and Decorative Art
Developments in British architecture from the Tudors to Victoria. The decorative arts (furniture, silver, ceramics, and glass) will be emphasized in their architectural setting. Offered alternate years. **III.O, V.6a.**

ARTH 232 (3)—Greek Art and Archaeology
*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 235 (3)—Early Medieval Art
*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 (3)—Asian Art
*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 253 (3)—Early 20th-Century Art: Fauvism to Surrealism
*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 an adjunct course toward the minor in gender studies.* **III.W, V.6a.**

ARTH 255 (3)—Contemporary Art
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 (1, 2, or 3)—Directed Study
*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 303 (3)—Seminar on Women Artists
*Area III, 18th Century to the Present*
*Prerequisite: One course in art history or gender studies.* 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 320 (3)–Later 19th-Century Art
Area III, 18th Century to the Present
Prerequisite: ARTH 116; ARTH 211 or ARTH 119 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 332 (3)–Romanesque Art and Architecture
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. V.1, V.6a.

ARTH 336 (3)–Studies in Medieval Art and Architecture
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. Topic for Spring 2007: "Medieval Pilgrimage Architecture and Ritual." Pilgrimage churches reflected eternal order, following highly predictable patterns of design and construction. We will study the ritual of pilgrimage, the architecture of churches, and examine the structure within its socio-political and religious context. III.W, V.1, V.6a.

ARTH 338 (3)–Gothic Art and Architecture
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 (3)–Topics in Renaissance and Baroque Art
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 Fall 2006: "Leonardo da Vinci." An examination of the life, art, and mind of Leonardo da Vinci. The course will include review of Leonardo’s interests in aerodynamics, anatomy, botany, engineering, geography, geology, optics, painting, and water through a study of his notebooks. V.1, V.6a.

ARTH 341 (3)–Seminar: Art and Theory in Renaissance Italy
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 an adjunct course toward the minor in gender studies. V.6a.

ARTH 344 (3)–Seminar: Art and Theory in Baroque Europe
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 (3)–Later 20th-Century Art: Post World War II to the Present
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 (1, 2, or 3)–Special Study
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 (1, 2, or 3)–Internship**  
*Prerequisites: Three credits in ARTH and permission of the instructor, department chair, and dean.* This course is graded P/CR/NC only.

**ARTH 452 (3)–Senior Seminar**  
*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 (1, 2, or 3)–Independent Study**  
*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.

### Honors Program

The Honors Program consists of challenging courses, opportunities for independent research, and a series of extracurricular activities. It is designed for students of exceptional initiative and ability who may enter the program as first-year students by invitation or within the first two years of their college career, on the basis of their grade point average.

An Honors student should normally complete at least one Honors course every year she is in the program. There are three types of Honors courses:

a) **Honors Sections:** departments with multiple sections of regularly offered introductory courses may offer one of the sections as an Honors section.

b) **Honors Variants:** individual or small-group tutorials attached to regularly offered courses. See the Schedule of Courses for offerings in a particular semester. Also, students may request that a course be given as an Honors variant.

c) **Honors Seminars:** interdisciplinary seminars developed especially for the Honors Program. Honors seminars are often interdisciplinary and some are team-taught. All Honors seminars require the permission of the instructor to enroll.

Honors students are encouraged to participate in Honors co-curricular activities during the year. These activities include the Honors Colloquia series, the MARCUS Conference, the Honors Lunch Table, Honors on the Road trips, and submission of research papers to the online Honors Journal.

### Honors Thesis

An Honors thesis is the culmination of an honors course of study at Sweet Briar College. The Senior Honors Thesis project provides the Honors student with the opportunity to design and complete a long-term research project in her major department. A student wishing to pursue an Honors thesis project should consult with her major advisor and the director of the Honors Program early in her junior year. A student need not be a member of the Honors program to initiate an Honors thesis project. To be eligible to initiate an Honors thesis project, a student must meet the following requirements by the fall term of her senior year:

a) Completion of at least three courses which count toward the major;

b) Completion of three credits of junior Honors research, or an approved equivalent;

c) A minimum grade point average of 3.3 in her major department;

c) A minimum cumulative grade point average of 3.0.

At the beginning in 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 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 Honors thesis project must be completed in a form specified by the major department no later than two weeks before the end of classes. 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, or Highest Honors) to be awarded. To be recognized for Honors work, the student must earn one of the three levels of honors and a grade of “B+” or higher on her thesis project. Departmental Honors will be indicated both on the transcript and diploma of those students who successfully complete the thesis project. A candidate who does not meet the requirements for successful completion of the Honors thesis is transferred to candidacy for the regular degree and will receive credit for independent study.

The Honors Degree
The award of the Honors Degree is noted on both the student’s transcript and diploma. 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 has four major requirements:

1) Successful completion of the Honors thesis project;

2) Successful completion of at least six Honors courses, with no grade less than a “B,” of which at least three must be Honors seminars. The other three courses can be Honors variants or Honors sections. At least one Honors course (not necessarily a seminar) must be at the 300 level. Successful completion of junior Honors research is considered equivalent to an Honors seminar. Students who complete a Sweet Briar approved course abroad may petition the Honors Committee to count this as the equivalent of an Honors course;

3) A minimum grade point average of 3.3 in the major department at graduation;

4) A minimum cumulative grade point average of 3.0 at graduation.

Course Descriptions
HNRS 191 (3)–People and the American Landscape
Prerequisite: Permission of the instructor. The United States is a nation richly endowed with natural resources that people have alternately squandered, conserved, and protected. This course examines how the complex relationship between humans and the American landscape has changed over time, focusing on the issues of agriculture and food, wilderness, and urbanization. The development of the environmental movement is also highlighted. May be counted toward the majors in environmental studies and environmental science. V.1.

HNRS 193 (3)–Nutritional Challenges of the 21st Century
Prerequisite: Permission of the instructor. We will seek to define “healthy eating,” explore the relationship between diet and degenerative disease, and discuss educational, psychological, economic, and soci-cultural obstacles we face in attempting to meet our nutritional needs. Students will discuss and critique various theories on nutrition, research and make oral presentations, and develop personalized nutrition plans based on the readings and other information presented. III.O.

HNRS 245 (3)–Introduction to Game Theory
Prerequisite: Permission of the instructor. Game theory is an analytical approach to the study of strategic interaction. Development of
basic theory, including topics such as Nash equilibrium, repeated games, credibility, and mixed strategies is covered in this course. Applications will include markets and competition, auction design, voting, evolution, and bargaining. III.Q.

**HNRS 246 (3)—Contemplation and Time**
*Prerequisites: PSYC 101 and permission of the instructor.* The interaction between the perception of time and contemplative practices (e.g., meditation, centering prayer) will be examined. Questions to be considered include: How is time perceived in contemplative states? How does age influence time perception and contemplation? How do different cultures perceive time, and how might this influence adoption of contemplative practices? *May be counted toward the major in psychology.* V.2.

**HNRS 247 (3)—Contemporary International Writers**
*Prerequisite: Permission of the instructor.* Not open to students enrolled in ENGL 110. This course will focus on a variety of contemporary international writers, including Zakes Mda, Chimamanda Adichie, and Yiyun Li, all of whom will visit the college for readings and lectures. We will read and discuss the writers’ works as well as the particular cultural and political circumstances out of which those works have emerged. V.2.

**HNRS 248 (3)—Exile and Creativity**
*Prerequisite: Permission of the instructor.* Exile will be studied as a concept from a variety of perspectives: linguistic, anthropological, cultural, and psychological. Readings will include theoretical essays, autobiography, and fiction, principally from English translations of works from Latin American and Spanish writers of the 20th century. *May be counted toward the major in Spanish as the one literature in translation course.* V.1.

**HNRS 249 (3)—U.S. Hispanic Literature**
*Prerequisites: Permission of the instructor; sophomore standing.* A view of the rich and complex culture of Latinos, Chicanos, Nuyoricans, and U.S. Hispanics through its 20th-century literature: short story, novel, poetry, autobiography. Hispanic identity studied as a concept via cultural, historical, and linguistic approaches. Readings are in their original English version. *May be counted toward the minor in Latin American studies. May be counted toward the major in Spanish as the one literature in translation course.* V.2.

**HNRS 250 (3)—American Music in the 1950s, Upheavals, Surprises, and Innovations**
*Prerequisite: Permission of the instructor.* In this seminar we will closely examine the 1950s as a seminal period in American music in terms of both musical innovation and the surprising upheavals that emerged from it in the second half of the 20th century. Topics include art music, the appearance of bebop in jazz, and the birth of rock and roll. V.6a.

**HNRS 252 (3)—Culinary Voyages**
*Prerequisite: Permission of the instructor.* From culinary colonialism to gastronomic tourism, Western eating practices are driven by fear of as well as desire for the Other. This course will examine the dynamic of culinary voyages ranging from nineteenth-century colonial journeys to the gastronomic tourism that abounds today, paying particular attention to the role emotions (fear, disgust, curiosity, desire) play in these practices. V.1.

**HNRS 254 (3)—Taste Matters: Revolutionary Movements in the Contemporary Edible Arts**
*Prerequisite: Permission of the instructor.* What prompts the creation of a dish called “Electric Chinese lanterns and liquorice air”? Is it divine inspiration? Existential angst? This course explores cultural ideals and anxieties that drive Western culinary artists, paying particular attention to the Slow Food movement (which reveres sustainably grown, handcrafted foods) and Molecular Gastronomy (characterized by its shocking use of industrial design and scientific innovation). V.1.

**HNRS 295 (3)—Summer Research**
*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 (3)—Special Topics
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 308 (3)—The Great War: Contested Histories and Theoretical Perspectives
Prerequisites: GOVT 322, GOVT 332, GOVT 335, GOVT 345, HIST 210, HIST 216, HIST 245, or HIST 264, and permission of the instructor. World War I is often seen as the traumatic birth of the 20th century, a watershed dividing the “stability” of the pre-war world from the insecurity of the post-war period. The causes, interpretations, and results of the war are still hotly debated in academic literature. This seminar will examine the war itself and its contested understandings from both a historiographic and theoretical perspective. May be counted toward the majors in history and international affairs. V.7.

HNRS 307 (3)—Literary Art Criticism
Prerequisite: Permission of the instructor. A study of commentaries on works of art by various writers such as literary writers Diderot, Baudelaire, Eluard, and Goethe on one hand, and literary critics such as Freud, Baudrillard, Derrida, Kristeva, and Serres on the other. Some artists’ commentaries will also be included. May be counted toward the major or minor in French if written assignments and examinations are done in French. III.O, III.W, V.6a.

HNRS 395 (3)—Summer Research
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 (3)—Summer Honors Research
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.

Interdisciplinary Studies

Course Descriptions

INTD 109 (3)—The Religion of Socrates
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 131 (1)—Service Learning: Science Outreach
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 302 (3) – Film and Literature
The course will analyze the power of the movie camera as a carrier of meaning and as creator of modern myths. The cinematic and the literary languages will be compared, pointing out the ideological and artistic functions of the most widespread art form in our time: cinema. Writings dealing with cinematic language will be read to introduce the students to perceptions and interests that twentieth-century authors showed for the new art form. Then, selected literature belonging to different cultural and chronological contexts will be studied and compared to its rendition on film. This course is taught in English and may be counted toward the major in Italian Studies and the minors in Italian and film studies. Offered alternate years. III.O, V.2.

INTD 308 (3) – Inventing Antiquity
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 (3) – Senior Seminar in Liberal Studies
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 (1, 2, or 3) – Independent Study
Research on a topic determined in advance by a student and by members of the departments involved.

INTD 463 (3) – Senior Project
Senior project determined in advance by a student and by members of the departments involved.

International Affairs
See Department of Government and International Affairs on page 113.

International Studies
The student who wishes to pursue cultural, artistic, or socio-economic interests in other areas of the world may do so in a variety of ways. Her objective may be to prepare for graduate work in some area of international studies, to provide groundwork for a career in foreign service, foreign affairs, tourism, international organizations, multinational enterprises, or simply to concentrate on a single aspect of a foreign culture as part of a broad liberal arts education.

In consultation with the appropriate advisor, she may devise an interdisciplinary program of study suited to her individual interests, aptitudes and goals in one of the following fields:

■ Asian Studies
■ German Studies (see Modern Languages and Literatures)
■ International Affairs
■ Italian Studies (see Modern Languages and Literatures)
■ Latin American Studies

For some of these programs, foreign study may be essential, and for all of them the student is strongly encouraged to incorporate a period of study abroad in her program. She should consult with the appropriate advisor early in her first year in order to assure sufficient time to complete prerequisites as well as requirements for the major.
Italian

See Department of Modern Languages and Literatures on page 144.

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, one course taught in Spanish numbered above 202 is required. Students are encouraged to consider an approved study abroad experience in Latin America. The courses listed here may also be used toward the Latin American concentration of the international affairs major. However, a student may not declare both that concentration and the Latin American Studies minor. This minor provides an excellent complement to majors in anthropology, environmental studies, government, and religion, and prepares students for work in fields such as business, teaching, government and non-profits.

The Latin American Studies Minor

(21 semester hours)

Required:
GOVT 318 (3) - Comparative Politics of Latin America
LAST 201 (3) - Latin American Culture I
LAST 202 (3) - Latin American Culture II
LAST 302 (3) - Special Topics in Latin American Studies
RELG 235 (3) - Latin American Religion

Choose 1 of the following:
HIST 308 (3) - Encounters, Conquest, and European Expansion, 1350-1650
LAST 302 (3) - Special Topics in Latin American Studies (can be repeated when content changes)
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

Choose 1 additional three-credit course taught in Spanish which is numbered above SPAN 202.

Course Descriptions

LAST 201 (3)–Latin American Culture I
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 (3)–Latin American Culture II
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 (1, 2, or 3)–Directed Study
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 (3)–Special Topics in Latin American Studies
Prerequisite: ANTH 112 or one course in Latin American studies. 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. Topic for Fall 2008: “Cuba and Castro: An Examination of the Castro era and its effects on Cuba and the Western Hemisphere.” After a review of Cuban history, we will focus on the changes brought about by the Revolution of 1959 and its influence throughout the Americas during the Cold War and up to the present time.

LAST 361 (1, 2, or 3)—Special Study
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 (1, 2, or 3)—Internship
Prerequisites: Three credits in LAST and permission of the instructor, department chair, and dean. This course is graded P/CR/NC only.

LAST 461 (1, 2, or 3)—Independent Study
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.

The Minor in Law and Society
(24 semester hours)
Required:
HIST 108 (3) - Modern Law and Medieval Past
LAWS 201 (3) - Foundations of Law and Society
LAWS 202 (3) - Legal Theory and Public Policy
LAWS 352 (3) - Social Movements and the Law
LAWS 377 (3) - Internship

Choose 1 of the following courses from the area of criminal justice:
GOVT 213 (3) - Politics of Legal Order
HIST 258 (3) - History of Crime and Punishment in the West

Choose 1 of the following courses from the area of constitutional law and public policy:
GOVT 315 (3) - The U.S. Supreme Court
GOVT 316 (3) - U.S. Civil Rights and Liberties

Choose 1 of the following courses from the area of legal history and theory:
CLAS 315 (3) - The Later Roman Empire: Law, Religion, and Society
GOVT 232 (3) - Women, Law, and Politics
HIST 308 (3) - Encounters, Conquest and European Expansion, 1350-1650
Course Descriptions

**LAWS 201 (3) – Foundations of Law and Society**
An introduction to the themes and methodologies of the interdisciplinary study of law in social context. Topics include the origins of law, legal systems, and norms of dispute resolution and adjudication. Case studies will utilize comparative perspectives on the major issues of law in society. This course cannot be taken on a P/CR/NC grading option. V.7.

**LAWS 202 (3) – Legal Theory and Public Policy**
What is the nature of justice? What is law? What are rights? How do they influence public policy? This class is an introduction to major theories and perspectives in jurisprudence, and how these different normative and empirical traditions shape both how public policy is formed and evaluated. Case studies will utilize comparative perspectives on the major issues of legal theory and public policy. This course cannot be taken on a P/CR/NC grading option.

**LAWS 261 (1, 2, or 3) – Directed Study**
*Prerequisites: One LAWS 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.

**LAWS 352 (3) – Social Movements and the Law**
Social Movements and the Law examines how law acts both instrumentally and constitutively in social organization by examining law as an instrument and symbol of legitimacy, as well as a means of social control and dispute resolution. The seminar would take comparative perspective of different societies and historical periods and culminate in the student’s preparation of a major research project. This course cannot be taken on a P/CR/NC grading option.

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

**LAWS 461 (1, 2, or 3) – Independent Study**
*Prerequisites: One 100-level LAWS course, one 200-level LAWS 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.

**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 most of the College’s General Education requirements. The program includes a core of required courses, and an area of concentration 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.

**The Liberal Studies Major**
*(70 semester hours)*

**Required:**
- BIOL 103 (4) - Life Science by Inquiry
- CHEM 106 (4) - Chemistry by Inquiry
- CSCI 171 (3) - Computing Fundamentals
ENVR 131 (3) - Physical Geography: Landscapes
ENVR 133 (1) - Physical Geography Laboratory
GOVT 122 (3) - Introduction to Comparative Politics
GOVT 159 (3) - Introduction to American Government
HIST 108 (3) - Introduction to History: Modern Law and Medieval Past
HIST 210 (3) - Modern Europe, 1700-2004: From Absolutism to EU Enlargement
HIST 241 (3) - America, Origins to 1877
MATH 106 (3) - Statistical Reasoning
MATH 211 (3) - Fundamental Mathematics I
MATH 213 (3) - Fundamental Mathematics II
MUSC 126 (3) - Appreciation of Music
PHYS 103 (4) - Physics by Inquiry
PSYC 201 (3) - Developmental Psychology: Infancy and Childhood
THTR 102 (3) - Public Speaking

Senior Exercise:
INTD 452 (3) - Senior Seminar for Liberal Studies

Choose 1 of the following:
HIST 221 (3) - Spirituality and Religious Institutions in U.S. History
RELG 236 (3) - Multicultural Religious America

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

Concentration Requirements:
Choose 9 semester hours from ONE of the following areas of concentration (3 semester hours must be at the 200-level or above and 6 semester hours at the 300-level or above):
Anthropology
Biology
Chemistry
Classics

Mathematical and Computer Sciences

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.)
(42 semester hours)

Required:
CSCI 188 (4) - Java Programming I
MATH 123 (4) - Calculus I
MATH 124 (4) - Calculus II
MATH 223 (3) - Calculus III
MATH 232 (3) - Linear Algebra
MATH 323 (3) - Sequences and Series
MATH 333 (3) - Algebraic Structures

Senior Exercise:
MATH 452 (3) - Senior Seminar

Choose 1 of the following courses:
Option A:
CHEM 252 (4) - Introduction to Quantitative and Inorganic Chemistry
CHEM 253 (1) - Introduction to Quantitative and Inorganic Chemistry Laboratory

Option B:
PHYS 131 (1) - Introductory Physics Lab I
PHYS 132 (1) - Introductory Physics Lab II
PHYS 172 (4) - General Physics II

Choose 1 of the following courses:
MATH 304 (3) - Mathematical Statistics
MATH 306 (3) - Applied Linear Regression
MATH 315 (3) - Biostatistics

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. PHYS 201 may be used toward this requirement.

And choose 1 three-credit course in statistics.

Note: Either MATH 304 or MATH 306 will satisfy both the statistics requirement and a 300-level mathematics course requirement.

The Mathematics Major (B.S.)
(59-60 semester hours)

Required:
CHEM 131 (4) - General Chemistry
CHEM 141 (1) - General Chemistry Lab
CSCI 188 (4) - Java Programming I
MATH 123 (4) - Calculus I
MATH 124 (4) - Calculus II
MATH 223 (3) - Calculus III
MATH 232 (3) - Linear Algebra
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 131 (1) - Introductory Physics Lab I
PHYS 132 (1) - Introductory Physics Lab II
PHYS 172 (4) - General Physics II

Choose 1 of the following courses:
MATH 304 (3) - Mathematical Statistics
MATH 306 (3) - Applied Linear Regression
MATH 315 (3) - Biostatistics

Choose 1 of the following courses:
MATH 424 (3) - Advanced Calculus
MATH 434 (3) - Topics in Abstract Algebra

Choose 1 three-credit course in mathematics at the 300-level or above. PHYS 201 may be used toward this requirement.

And choose 4 additional three-credit courses in mathematics at the 300-level or above.

The Mathematics Minor
(21 semester hours)

Required:
CSCI 188 (4) - Java Programming I
MATH 123 (4) - Calculus I
MATH 124 (4) - 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.

And choose PHYS 201 or one additional three-credit course in mathematics excluding MATH 113, MATH 211, and MATH 213.
The Statistics Minor
(20-30 semester hours)

Choose 1 of the two following options for the minor.

Option A—Required:
CSCI 188 (4) – Java Programming
MATH 123 (4) – Calculus I
MATH 124 (4) – Calculus II
MATH 205 (3) – Applied Statistics
MATH 223 (3) – Calculus III
MATH 303 (3) – Probability
MATH 304 (3) – Mathematical Statistics
MATH 306 (3) – Applied Linear Regression
MATH 315 (3) – Biostatistics

Recommended:
CSCI 289 (4) – Java Programming II

Option B—Required:
CSCI 188 (4) – Java Programming
MATH 123 (4) – Calculus I
MATH 306 (3) – Applied Linear Regression
MATH 315 (3) – Biostatistics

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

Choose 1 of the following courses:
BUSN 351 (3) – Marketing Research
ECON 332 (3) – Econometrics
PSYC 310 (4) – Experimental Psychology
SOCI 451 (3) – Sociology Research Methods

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 304) must be included in the major program.

Course Descriptions—Computer Science
CSCI 171 (3) – Computing Fundamentals

An introduction to computer use and the fundamental computing tools: information search, retrieval and storage, word processing, spreadsheets and databases.

CSCI 188 (4) – Java Programming I
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.

CSCI 264 (3) – Discrete Structures
An introduction to the algebraic and combinatorial methods used in computer science. The topics will include sets, logic, mathematical induction, trees, graphs, the inclusion-exclusion principle, proof methods, counting and probability, and relations and digraphs with applications to computer science.

CSCI 289 (4) – Java Programming II
Prerequisite: CSCI 188. This course is a continuation of CSCI 188. It covers advanced Java programming techniques and object-oriented design including exceptions, advanced input/output, object serialization and threads. Additional topics include one or more of the following: server-side applications, JavaServer pages, servlets, and database programming.

CSCI 293 (3) – C++ for Java Programmers
Prerequisite: CSCI 188. Object-oriented programming in C++. Emphasis is on the differences between C++ and Java, in particular those elements of C and C++ that are not present in Java. Includes, but is not limited to, arrays, pointers, destructors, template classes, function overloading, the C++ Standard Library and virtual functions.
MATH 106 (3)–Statistical Reasoning
*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. III.Q.

MATH 113 (3)–Precalculus
*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 (4)–Calculus I
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 (4)–Calculus II
*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 (3)–Applied Statistics
*Prerequisite or co-requisite: 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 (3)–Fundamental Mathematics I
*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 (3)–Fundamental Mathematics II
*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 (3)–Calculus III
*Prerequisite: MATH 124.* Topics in analytic geometry in two- and three-dimensional Euclidean space, functions of several variables, partial differentiation, gradients, and multiple integration. III.Q.

MATH 232 (3)–Linear Algebra
*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 (1, 2, or 3)–Directed Study
*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 (3)–Probability
*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 304 (3)–Mathematical Statistics
*Prerequisite: MATH 303.* Theory of statistical inference with applications: estimation, testing of hypotheses, categorical data. Offered alternate years.

MATH 306 (3)–Applied Linear Regression
*Prerequisite: MATH 205 or MATH 304.* A study of linear statistical models. Multiple regression, selection of variables, residual analysis, and model building.
MATH 310 (3)–Modern Geometry
Prerequisite: MATH 124. Topics in Euclidean, projective, and non-Euclidean geometries. Offered alternate years. III.O, III.W.

MATH 315 (3)–Biostatistics
Prerequisite: MATH 205 or PSYC 219. Statistics with applications in the biological sciences. Topics include the Poisson distribution, bootstrap confidence intervals, matched pairs tests, non-parametric tests, sample size and power, one-way and two-way analysis of variance, and logistic regression. Offered alternate years.

MATH 323 (3)–Sequences and Series
Prerequisite: MATH 232. 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 (3)–Ordinary Differential Equations
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. V.8a.

MATH 333 (3)–Algebraic Structures
Prerequisite: MATH 232. A rigorous study of abstract algebraic structures, focusing primarily on group theory.

MATH 342 (3)–Mathematical Modeling
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 (3)–Numerical Analysis
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 (1, 2, or 3)–Special Study
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 (1, 2, or 3)–Internship
Prerequisites: Three credits in MATH and permission of the instructor, department chair, and dean. This course is graded P/CR/NC only.

MATH 424 (3)–Advanced Calculus
Prerequisite: MATH 323. A rigorous development of the theory of calculus, including continuity, differentiation, and integration. Offered alternate years. III.W.

MATH 434 (3)–Topics in Abstract Algebra
Prerequisite: MATH 333. A rigorous study of abstract algebraic structures, including rings, integral domains, fields, and polynomial rings. Offered alternate years. III.W.

MATH 445 (3)–Complex Analysis
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 (3)–Senior Seminar
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 (1, 2, or 3)–Independent Study
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
- 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 332 (3) - Econometrics
- MATH 306 (3) - Applied Linear Regression

Choose 1 of the following courses:
- ECON 313 (3) - International Economics
- ECON 342 (3) - Ecological Economics

Mathematics-Physics

The Mathematics-Physics Major (B.S.)
(57-60 semester hours)

Required:
- CHEM 131 (4) - General Chemistry
- CHEM 141 (1) - General Chemistry Lab
- CHEM 252 (4) - Introduction to Quantitative and Inorganic Chemistry
- CHEM 253 (1) - Introduction to Quantitative and Inorganic Chemistry Lab
- CSCI 188 (4) - Java Programming I
- MATH 123 (4) - Calculus I
- MATH 124 (4) - Calculus II
- MATH 223 (3) - Calculus III
- MATH 232 (3) - Linear Algebra
- PHYS 131 (1) - Introductory Physics Laboratory I
- PHYS 132 (1) - Introductory Physics Laboratory II
- PHYS 171 (4) - General Physics I
- PHYS 172 (4) - General Physics II
- PHYS 202 (3) - Twentieth-Century Physics
- PHYS 233 (1) - Intermediate Physics Laboratory

Senior Exercise:
Choose 1 of the following options:

Option A:
- PHYS 321 (3) - Advanced Physics Laboratory

Option B:
- MATH 452 (3) - Senior Seminar
AND
One other three-credit course in physics at the 200-level or above.

Choose 3 of the following mathematics courses:
- MATH 303 (3) - Probability
- MATH 323 (3) - Sequences and Series
- MATH 328 (3) - Ordinary Differential Equations
Modern Languages and Literatures

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, Italian, 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, German, and Spanish, and also in modern languages and literatures (the study of three languages). 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, German, Italian, and Spanish. In cooperation with other academic departments, the department also participates in programs providing majors in German Studies and Italian Studies, and a minor in Latin American Studies. The programs are 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 213 (3) - Studies in French Literature I
FREN 214 (3) - Studies in French Literature II
FREN 232 (3) - Thematic Survey of Culture and Civilization: Middle Ages-World War I
FREN 311 (3) - Studies in French Culture and Civilization

Senior Exercise:
FREN 452 (3) - Senior Seminar

Choose 2 three-credit courses in French literature at or above the 300-level.

Choose 4 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 213 (3) - Studies in French Literature I
- FREN 214 (3) - Studies in French Literature II

**Choose 1 three-credit course** in French literature at or above the 300-level.

**Choose 3 additional three-credit courses** in French numbered 204 or above.

**The German Major**
*(30 semester hours)*

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

**Choose 9 additional three-credit courses** in German numbered 205 or above.

**The German Minor**
*(18 semester hours)*

**Choose 2 three-credit courses** in German at the 300-level or above.

**And choose 4 additional three-credit courses** in German at the 200-level or above.

**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:**
*Modern Peninsular Literature*
- SPAN 349 (3) - Realism, Naturalism, and Regeneration: Spanish Literature 1850-1914
- SPAN 353 (3) - The Novel and Short Story in Contemporary Spain
- SPAN 357 (3) - Poetry and Theater in Contemporary Spain

**Choose 1 of the following courses:**
*Latin American Literature*
- 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 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.

**The Italian Minor**
*(18 semester hours)*

**Choose 6 three-credit courses** in Italian numbered 201 or above, of which two must be at or above the 300-level.
The Modern Languages and Literatures Major
(45 semester hours)

Choose 21 credits in a language of principal concentration (French, German, Italian or Spanish), including only courses creditable to the major in that language of which at least 6 credits must be in literature and one course must be the senior seminar.

Choose 15 credits in courses creditable toward the major in a second language (French, German, Italian or Spanish).

Choose 9 credits in courses above the intermediate level (202) in a third language (French, German, Italian or Spanish).

Teacher Licensure French
(33 semester hours in addition to required professional courses in education)

Required:
FREN 213 (3) - Studies in French Literature I
FREN 214 (3) - Studies in French Literature II
FREN 232 (3) - Thematic Survey of Culture and Civilization: Middle Ages-World War I
FREN 311 (3) - Studies in French Culture and Civilization
FREN 315 (3) - The French-Speaking World
FREN 452 (3) - Senior Seminar

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.

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:
Early Peninsular Literature
SPAN 300 (3) - Medieval Spanish Literature
SPAN 312 (3) - Spanish Literature of the Golden Age
SPAN 316 (3) - Cervantes: Don Quijote

Choose 1 of the following courses:
Modern Peninsular Literature
SPAN 349 (3) - Realism, Naturalism, and Regeneration: Spanish Literature 1850-1914
SPAN 353 (3) - The Novel and Short Story in Contemporary Spain
SPAN 357 (3) - Poetry and Theater in Contemporary Spain

Choose 1 of the following courses:
Latin American Literature
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:
LATIN 201 (3) - Latin American Culture I
LATIN 202 (3) - Latin American Culture II

Choose 2 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.

The following area studies programs offer an opportunity to concentrate on the primary aspects of language, civilization, and culture. They are intended to result in majors consisting of a nucleus of courses in one of the foreign languages, its literature, and its culture, around which a body of courses in not more than two other related fields is constructed.

It is essential that the student consult with the advisors for the major early in her course of study, preferably in the first year. In any case, admission to the program is contingent upon her obtaining written approval from the major advisor of each of the cooperating departments by the end of the fall term of the sophomore year. Courses prerequisite to the major in each of the related areas should be completed by the conclusion of the sophomore year.

**The German Studies Major**

**The Italian Studies Major**

Choose **18 credits** in the foreign language of concentration which may include courses in literature or culture or both. These courses must be normally creditable to the major in that language.

Choose **18 credits** in not more than two other related fields. These courses must be normally creditable to the major in each of the areas of concentration.

**Recommended:** It is strongly recommended that the student participate in an approved program of studies in an area where the language of concentration is primarily used.

**Course Descriptions—Arabic**

**Note:** These courses in Arabic language do not count toward the V.3 general education requirement.

**ARAB 103 (1)—Arabic Language and Culture I**
An introduction to the language and culture of Arabic speaking nations. Taught only when an instructor is available.

**ARAB 104 (1)—Arabic Language and Culture II**
*Prerequisite: ARAB 103.* A continuation of ARAB 103. Taught only when an instructor is available.

**ARAB 105 (1)—Arabic Language and Culture III**
*Prerequisite: ARAB 104.* Continuing study of the language and cultures of Arabic speaking nations. Taught only when an instructor is available.

**ARAB 106 (1)—Arabic Language and Culture IV**
*Prerequisite: ARAB 105.* Continuing study of the language and cultures of Arabic speaking nations. Taught only when an instructor is available.

**Course Descriptions—Chinese**

**Note:** These courses in Chinese language do not count toward the V.3 general education requirement.

**CHIN 103 (1)—Chinese Language and Culture I**
An introduction to the Chinese language and culture. Taught only when an instructor is available.
CHIN 104 (1)—Chinese Language and Culture II  
Prerequisite: CHIN 103. A continuation of CHIN 103. Taught only when an instructor is available.

CHIN 105 (1)—Chinese Language and Culture III  
Prerequisite: CHIN 104. A continuing study of the Chinese language and culture. Taught only when an instructor is available.

CHIN 106 (1)—Chinese Language and Culture IV  
Prerequisite: CHIN 105. A continuing study of the Chinese language and culture. Taught only when an instructor is available.

Course Descriptions–French

Note: No course being counted toward the V.3 general education requirement may be taken on a P/CR/NC grading option.

FREN 101 (3)—Elementary French I  
A study of the essentials of grammar, the development of a simple, practical vocabulary, and readings based on present-day French life.

FREN 102 (3)—Elementary French II  
Prerequisite: FREN 101. A continuation of FREN 101.

FREN 201 (3)—Intermediate French I  
Prerequisite: FREN 102 or placement. Formal study and practice in speaking, reading, writing, and understanding French. Regular laboratory attendance is required.

FREN 202 (3)—Intermediate French II  
Prerequisite: FREN 201. A continuation of FREN 201. Regular laboratory attendance is required. V.3.

FREN 204 (3)—French-English Translation  
Prerequisite: FREN 202 or placement. Translation of selected texts from English into French and from French into English. III.W, V.3.

FREN 209 (3)—French Conversation and Composition  
Prerequisite: FREN 202. Practice in oral and written expression based on contemporary topics. III.O, III.W, V.3.

FREN 213 (3)—Studies in French Literature I  
Prerequisite: FREN 202. A survey of French Literature from the Middle Ages to the 18th century at the advanced intermediate level. III.W, V.2, V.3.

FREN 214 (3)—Studies in French Literature II  
Prerequisite: FREN 213. A survey of French Literature from the 19th century to the present at the advanced intermediate level. This is the continuation of FREN 213. III.W, V.2, V.3.

FREN 216 (3)—France in the 2000s: Society, Government, and Technology  
Prerequisite: FREN 202 for French majors and minors; others by permission. 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 (3)—French Cinema  
Prerequisite: FREN 202 for French majors and minors; others by permission. 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 (3)—Commercial French  
Prerequisite: FREN 202. Development of conversational, reading and writing skills in the language used in business and economics. We will study texts dealing with the specialized vocabulary and the various forms of communication of the French business world. V.3.
FREN 232 (3)—Thematic Survey of Culture and Civilization: Middle Ages–World War I
Prerequisite: FREN 202. 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 (3)–Contemporary French Culture
Prerequisite: FREN 232. A continuation of FREN 232, this course examines French society in the twentieth and twenty-first centuries. Emphases will be on culture and the arts. V.1, V.6a.

FREN 250 (3)—Masterpieces of French Literature in Translation
Prerequisite: ENGL 104 or any course in literature. 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 (1, 2, or 3)—Directed Study
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 311 (3)—Studies in French Culture and Civilization
Prerequisite: FREN 214 or FREN 232. Specific topics to be chosen when offered. Topic for Fall 2008: “Beyond Paris: The Regions of France.” This course will lead to a better understanding of the social, political, economic, and cultural diversity of France through an in-depth examination of its different regions. The media texts to be studied will include articles from current French newspapers, magazines, and various online resources. V.5, V.7.

FREN 313 (3)—French Literary Genres I
Prerequisite: FREN 214. An in-depth study of major literary works in poetry and theatre, both classical and modern. V.2.

FREN 314 (3)—French Literary Genres II
Prerequisite: FREN 313. An in-depth study of the novel and other narrative forms such as short stories, philosophical tales, autobiography, and essays. V.2.

FREN 315 (3)—The French-Speaking World
Prerequisite: FREN 214. 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. V.2, V.4.

FREN 341 (3)—From Baroque to Classicism
Prerequisite: FREN 214. The image of man in his socio-cultural context as seen in representative works of 17th-century literature. Offered alternate years. V.2.

FREN 355 (3)—Les Philosophes
Prerequisite: FREN 214. Major figures of the 18th-century Enlightenment in France. Readings will include texts by Diderot, Rousseau, Voltaire and others. Offered alternate years. V.2.

FREN 358 (3)—The Evolution of Literary Genres from the Baroque to Pre-Romanticism
Prerequisite: FREN 214. The classical form in poetry, theatre, and the novel, and its evolution to the birth of a new aesthetic and a new ideology in each genre. Typically, readings would include poetry from Malherbe to Chenier, plays from Corneille to Beaumarchais, and novels from Mme de LaFayette to Constant. The genre to be studied will be determined by the needs of the students. Offered alternate years. V.2.

FREN 361 (1, 2, or 3)—Special Study
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 371 (3)—Aspects of 19th-Century Literature
Prerequisite: FREN 214. From the romantic self to the symbolist other: different perceptions of reality in representative works of 19th-century literature. Offered alternate years. V.2.
FREN 377 (1, 2, or 3)—Internship
Prerequisites: Three credits in FREN and permission of the instructor, department chair, and dean. This course is graded P/CR/NC only.

FREN 385 (3)—Aspects of 20th-Century Literature
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 388 (3)—From Le Mal du Siècle to La Nausée
Prerequisite: FREN 214. From the self-absorption of romanticism to the engagement of existentialism. Offered alternate years. V.2.

FREN 452 (3)—Senior Seminar: Topical Studies in French Literature
Prerequisite: Required of seniors majoring in French. Open to other qualified students with permission of the department. III.O.

FREN 461 (1, 2, or 3)—Independent Study
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.

Course Descriptions—German

Note: No course being counted toward the V.3 general education requirement may be taken on a P/CR/NC grading option.

GRMN 101 (4)—Elementary German I
For beginners. Four class periods and two laboratory periods.

GRMN 102 (4)—Elementary German II
Prerequisite: GRMN 101. A continuation of GRMN 101. Four class periods and two laboratory periods.

GRMN 201 (4)—Intermediate German I
Prerequisite: GRMN 102 or placement. Formal study and practice in speaking, reading, writing, and understanding German. Regular laboratory attendance is required.

GRMN 202 (4)—Intermediate German II
Prerequisite: GRMN 201. A continuation of GRMN 201. Formal study and practice in speaking, reading, writing, and understanding German. Regular laboratory attendance is required. V.3.

GRMN 205 (3)—Introduction to German Literature
Prerequisite: GRMN 202 or placement. A study based on readings and discussions of various representative works, chosen from various periods and genres (poetry, drama, and prose). Student participation in discussion and practice in written and oral expression will be emphasized. Offered alternate years. V.2, V.3.

GRMN 225 (3)—Readings in Modern German Literature I
Prerequisite: GRMN 202 or placement. Selected readings from literature of the period between 1890 and 1933. Authors included are Kafka, Mann, Rilke, George Trakl, Hofmannsthal, Schnitzler, Heym, and Benn. Emphasis on the novelle and lyric poetry. Offered alternate years. III.W, V.2, V.3.

GRMN 226 (3)—Readings in Modern German Literature II
Prerequisite: GRMN 202 or placement. German literature after 1945. Works of writers from Germany, Switzerland, and Austria. Offered alternate years. III.W, V.2, V.3.

GRMN 231 (3)—German Conversation and Composition
Prerequisites: GRMN 202 and permission of the instructor. Practice in written and oral expression with discussions and essays based on contemporary topics and literary selections. Offered alternate years. III.O, III.W, V.3.

GRMN 251 (3)—Introduction to German Culture I
Prerequisite: GRMN 202. A study of various historical, cultural, political, literary, and social trends in the German-speaking countries from the Middle Ages until 1900. Offered alternate years. III.O, V.1, V.3.
GRMN 252 (3)—Introduction to German Culture II

Prerequisite: GRMN 202. A study of various historical, cultural, political, literary, and social trends in the German-speaking countries after 1900. Included will be a study of German Nationalism, the “völkisch movement,” National Socialism, life in the post-war divided country, and the German reunification. Offered alternate years. II.O, V.1, V.3.

GRMN 254 (3)—German Culture through German Films

Prerequisite: GRMN 202. In this course students will view and discuss both older and more recent German films. Emphasis will be placed on the image these films portray of German society during the Weimar Period, the time of National Socialism, life in East and West Germany during the Cold War, and Germany since the reunification. Taught in English with a special discussion session in German. May be counted toward the minor in film studies. May be counted toward the majors in German and German studies or minor in German for those who elect the German discussion session and do all written work in German. Offered alternate years. V.1, V.6a.

GRMN 261 (1, 2, or 3)—Directed Study

Prerequisites: One GRMN 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.

GRMN 311 (3)—History and Structure of the German Language

Prerequisite: One course in German beyond GRMN 202. Through the reading of sample texts derived from the whole of German literary history, from the present back to the Old High German of the early ninth century, this course will investigate patterns of historical development and impart the skills to describe them systematically, creating, in effect, rather than just learning of, a descriptive history of the development of the German language. Offered alternate years. V.1.

GRMN 322 (3)—German Literature Before 1700

Prerequisite: One course in German beyond GRMN 202. A study of trends in literature in relation to the social, historical, and religious conditions in Germany from the Middle Ages through the Baroque. Offered alternate years. V.2.

GRMN 351 (3)—The Age of Goethe I: German Classicism and Its Precursors

Prerequisite: One course in German beyond GRMN 202. A study of the Enlightenment, Sturm und Drang, and Early Classicism. Readings from Lessing, Wieland, Lichtenberg, Lenz, Klinger, Goethe, and Schiller. Offered alternate years. V.2.

GRMN 352 (3)—The Age of Goethe II: Later Classicism and Romanticism

Prerequisite: One course in German beyond GRMN 202. Selections from the later works of Goethe and Schiller, the works of Tieck, Novalis, Brentano, Arnim, Arndt, Eichendorff, the Schlegels, E.T.A. Hoffmann, Chamisso, Kleist, Hölderlin, and others. V.2.

GRMN 361 (1, 2, or 3)—Special Study

Prerequisites: 100-level GRMN 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.

GRMN 371 (3)—German Literature of the 19th Century

Prerequisite: One course in German beyond GRMN 202. Selections from the writers of Jungdeutschland, Grabbe, Lenau, Mörike, Drost-Hülshoff, Hebbel, Grillparzer, Nestroy, Stifter, C.F. Meyer, Keller, and Fontane. Offered alternate years.

GRMN 372 (3)—The German Novelle

Prerequisite: One course in German beyond GRMN 202. A study of the Novelle as a genre from the 18th to the 20th century. Offered alternate years. V.2.

GRMN 377 (1, 2, or 3)—Internship

Prerequisites: Three credits in GRMN and permission of the instructor, department chair, and dean. This course is graded P/CR/NC only.
GRMN 384 (3)–The Modern German Drama  
Prerequisite: One course in German beyond GRMN 202. Selected plays by Hauptmann, Wedekind, Hofmannsthal, Toller, Kaiser, Sternheim, Brecht, Dürenmatt, and Frisch. Offered alternate years. III.W, V.2, V.6a.

GRMN 452 (3)–Senior Seminar  
Prerequisite: Required of seniors majoring in German and other qualified students by permission. III.O, III.W.

GRMN 461 (1, 2, or 3)–Independent Study  
Prerequisites: One 100-level GRMN course, one 200-level GRMN 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.

Course Descriptions–Italian  
Note: No course being counted toward the V.3 general education requirement may be taken on a P/CR/NC grading option.

ITAL 101 (3)–Elementary Italian I  
An in-depth study of Italian grammar with special emphasis on practical everyday vocabulary and expressions. Three class periods per week plus required lab work.

ITAL 102 (3)–Elementary Italian II  
Prerequisite: ITAL 101. A continuation of ITAL 101. An in-depth study of Italian grammar with special emphasis on practical everyday vocabulary and expressions. Three class periods per week plus required lab work.

ITAL 201 (3)–Intermediate Italian I  
Prerequisite: ITAL 102 or placement. Formal study of syntax and its use in conversation and writing. Selected readings from magazines and literary works will be analyzed to learn the structures and patterns of the Italian language. Three class periods per week plus required lab work. V.3.

ITAL 221 (3)–Survey of Italian Literature from the Origins to the 18th Century  
Prerequisite: ITAL 202. An introductory survey from the Middle Ages through Goldoni with close reading and analysis of major works in poetry, prose, and theatre. Offered alternate years. V.2, V.3.

ITAL 222 (3)–Survey of Italian Literature in the 19th and 20th Centuries  
Prerequisite: ITAL 202. Selected readings from major authors and works of the modern period, including Manzoni, Leopardi, Lampedusa, Silone, Ungaretti, Montale, Calvino, and Moravia. Offered alternate years. V.2, V.3.

ITAL 225 (3)–Readings in Contemporary Italian Literature  
Prerequisite: ITAL 202. Selections from authors from the period 1945-present with exploration of the contextual elements constituting la crisi del Novecento. V.2, V.3.

ITAL 232 (3)–Composition and Conversation  
Prerequisite: ITAL 202. Development of basic skills in written and oral expression utilizing contemporary topics and texts. Offered alternate years. III.O, III.W, V.3.

ITAL 254 (3)–Images and Reality in the Italian Cinema  
This course has two aims: to present the essentials of a semiology of images as found in some of the best movies produced in Italy after World War II and to examine the complex connections between Italian society and its rearticulation and representation in the language of visual arts. Twelve Italian films with English subtitles will be seen. Taught in English. Offered alternate years. III.W, V.5.

ITAL 261 (1, 2, or 3)–Directed Study  
Prerequisites: One ITAL 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.
ITAL 301 (3)–Studies in the Novel  
**Prerequisite: One course in Italian beyond ITAL 202.** An in-depth study of the theory of the novel and representative texts of the 19th and 20th centuries, considered within the context of political, cultural, and social aspects of the period. Offered alternate years. V.2.

ITAL 305 (3)–Studies in the Novella  
**Prerequisite: One course in Italian beyond ITAL 202.** Origins and evolution of short prose fiction as literary form with emphasis on the Decameron, Verga, Pirandello, and Calvino. Offered alternate years. V.2.

ITAL 306 (3)–Italian Poetry: From the Scuola Siciliana to the Present  
**Prerequisite: One course in Italian beyond ITAL 202.** Examination of poetic forms and themes from the origins to the Dolce Stil Nuovo, Petrarca, the Romantics, D’Annunzio, Ungaretti, and Montale. Offered alternate years. V.2.

ITAL 313 (3)–Commercial Italian  
**Prerequisite: One course in Italian beyond ITAL 202.** An introduction to the vocabulary and forms of communication of the multiple sectors of the business world. Offered alternate years. V.3.

ITAL 317 (3)–Mothers of Courage  
**Prerequisite: First-year students with permission.** A study of the political and social commitment of Italian women fighting despotism, gender prejudice, and abusive authority in Fascist Italy. Through a critical analysis of literature and cinema, the course will explore the politics of invention developed by major figures such as Aleramo and Kuliscioff, and less famous ones, like Occhipinti, as they were dealing with the prevailing ideology. Taught in English. Offered alternate years. May be counted toward the minors in film studies and gender studies. V.2, V.5.

ITAL 322 (3)–Literature and Culture of the Italian Renaissance  
**Prerequisite: One course in Italian beyond ITAL 202.** Examination of the literary production of the 15th and 16th centuries via selections from representative authors such as Machiavelli, Ariosto, Castiglione, Colonna, Michelangelo, Tasso. Offered alternate years. V.2.

ITAL 326 (3)–Dante  
An in-depth reading and analysis of *Canti* from the “Inferno,” “Purgatorio,” and “Paradiso.” Offered alternate years. V.3.

ITAL 361 (1, 2, or 3)–Special Study  
**Prerequisites: 100-level ITAL 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.

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

ITAL 452 (3)–Senior Seminar  
**Prerequisite: Required of seniors majoring in Italian Studies and other qualified students by permission.** III.O.

ITAL 461 (1, 2, or 3)–Independent Study  
**Prerequisites: One 100-level ITAL course, one 200-level ITAL 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.

Course Descriptions–Modern Languages and Literatures

MODL 452 (3)–Senior Seminar  
**Prerequisite: Required of seniors majoring in modern languages and literatures.**

Course Descriptions–Spanish

SPAN 101 (3)–Elementary Spanish I  
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 (3)–Elementary Spanish II
Prerequisite: SPAN 101. A continuation of SPAN 101. Lab work required.

SPAN 201 (3)–Intermediate Spanish I
Prerequisite: SPAN 102 or placement. An intermediate Spanish language course with a special emphasis on oral communication. Audio and computer-based lab work required.

SPAN 202 (3)–Intermediate Spanish II
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 (3)–Spanish Conversation
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 (3)–Advanced Grammar and Composition
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 (3)–Hispanic Themes: Spain
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 (3)–Hispanic Themes: Latin America
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 (3)–Introduction to Hispanic Literatures
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 (3)–Spanish for Business
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 (3)–Topics in Hispanic Literature in Translation
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 (1, 2, or 3)–Directed Study
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 300 (3)–Medieval Spanish Literature
Prerequisite: SPAN 222. A close analysis of Spanish texts from the “Poema del Cid” to the “Celestina” will focus on the evolution of perspective from the epic view of the medieval hero to the profound pessimism of some elements in 15th-century Spanish society. Other topics will include the development of literature from oral narrative to the printed book, and the impact of a multicultural (Islamic, Jewish, Christian) history on an emerging nation attempting to define itself as unified and Christian. Offered alternate years. V.2.
SPAN 304 (3)–Spanish-English Translation
Prerequisites or co-requisites: SPAN 215, SPAN 216, and SPAN 240. 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 (e.g., business, journalistic or literary texts).

SPAN 312 (3)–Spanish Literature of the Golden Age
Prerequisite: SPAN 222. A study of the major trends in Spanish Golden Age Literature, including the emergence of new narrative forms, the Spanish comedia, and Spanish poetry of the 16th and 17th centuries. Offered alternate years. III.W, V.2.

SPAN 316 (3)–Cervantes: Don Quijote
Prerequisite: SPAN 222. A close reading of “Don Quijote” and its inter-relation with the literature of the 16th and 17th centuries. Emphasis on the notions of narrative voice and autonomous character, which prefigure the world of contemporary fiction. Offered alternate years. V.2.

SPAN 330 (3)–Topics in Hispanic Culture, Language, and Literature
Prerequisite: SPAN 222. Topics will vary by semester. Offered alternate years.

SPAN 349 (3)–Realism, Naturalism, and Regeneration: Spanish Literature 1850-1914
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 353 (3)–The Novel and Short Story in Contemporary Spain
Prerequisite: SPAN 222. An analysis of the Spanish narrative since 1914. The impact of psychology, philosophy, and literary theories on literature will be discussed. Authors may include Gómez de la Serna, Sender, Chacel, Cela, Juan and Luis Goytisolo, Benet, Roig, Tusquets, and others. Offered alternate years. III.W, V.2.

SPAN 357 (3)–Poetry and the Theater in Contemporary Spain
Prerequisite: SPAN 222. A study of Spanish poetry and theater since 1914. Emphasis will be placed on critical readings of the texts. Authors may include Salinas, Benavente, García Lorca, Cernuda, Buero Vallejo, Arrabal, Blas de Otero, and others. Offered alternate years. III.W, V.2.

SPAN 361 (1, 2, or 3)–Special Study
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 377 (1, 2, or 3)–Internship
Prerequisites: Three credits in SPAN and permission of the instructor, department chair, and dean. This course is graded P/CR/NC only.

SPAN 382 (3)–The Latin American Novel
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 (3)–The Latin American Short Story and Essay
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 (3)–Latin American Theatre
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 (3)–Latin American Poetry
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 (3)–Senior Seminar
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 (1, 2, or 3)–Independent Study
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.

Music

The Department of Music provides both comprehensive study in music for the student who wishes to major in music in a liberal arts setting, and general courses for the student who wishes to study music to broaden her cultural understanding or as a performing art.

Because music is a multi-faceted discipline, involving studies in history, theory, and applied music, our curriculum is balanced so as to give our students the very best preparation and to challenge all students to work to their maximum potential so that upon graduation they will be well-prepared musicians.

The Music Major
(35 semester hours)

Required:
MUSC 212 (4) - Music in the Baroque and Rococo
MUSC 213 (4) - Classical and Romantic Music
MUSC 257 (3) - Advanced Theory I
MUSC 258 (3) - Advanced Theory II
MUSC 331 (3) - Medieval and Renaissance Music
MUSC 338 (4) - Music from Impressionism to the Present
MUSC 358 (3) - Form and Analysis

Senior Exercise:
MUSC 452 (3) - Senior Seminar

Choose 4 two-credit courses in solo applied music (MUSC 181, MUSC 183, MUSC 185, MUSC 187, MUSC 189, MUSC 191, MUSC 193, MUSC 195, MUSC 197, or MUSC 303).

The Music Minor—History and Theory Option
(21 semester hours)

Required:
MUSC 157 (3) - Elementary Theory I
MUSC 158 (3) - Elementary Theory II
MUSC 212 (4) - Music in the Baroque and Rococo
MUSC 213 (4) - Classical and Romantic Music
MUSC 331 (3) - Medieval and Renaissance Music
MUSC 338 (4) - Music from Impressionism to the Present

The Music Minor—Solo Applied Music Option
(19-20 semester hours)

Required:
MUSC 157 (3) - Elementary Theory I
MUSC 158 (3) - Elementary Theory II

Choose 2 courses from the following:
MUSC 212 (4) - Music in the Baroque and Rococo
MUSC 213 (4) - Classical and Romantic Music
MUSC 331 (3) - Medieval and Renaissance Music
MUSC 338 (4) - Music from Impressionism to the Present
Choose 3 two-credit courses in solo applied music (MUSC 181, MUSC 183, MUSC 185, MUSC 187, MUSC 189, MUSC 191, MUSC 193, MUSC 195, 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, Conducting as well.

Course Descriptions

MUSC 107 (3)—Rudiments of Music I
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 108 (3)—Rudiments of Music II
Prerequisite: MUSC 107 or placement. A continuation of MUSC 107, with study in both aural and written theoretical practices and performance techniques on the piano and guitar. V.6a.

MUSC 116 (3)—Introduction to Film Scores
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 acquire the technical and musical vocabularies needed to analyze and critique film scores. Included in our study will be film composers John Williams, Elmer Bernstein, Bernard Herrmann, Nino Rota, Miklos Rosza, and Jerry Goldsmith. May be counted toward the minor in film studies. V.4.

MUSC 119 (2)—Introduction to MIDI
Prerequisite: Basic keyboarding skills. The basics of MIDI technology, sequencing, notation, publishing and arranging using MIDI instruments and computer software.

MUSC 126 (3)—The Appreciation of Music
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 (3)—World Music
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 138 (1)—Opera Workshop
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 (3)—Elementary Theory I
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. See department chair for placement test information. V.6a.

MUSC 158 (3)—Elementary Theory II

MUSC 177 (2)—Composition
Prerequisites: MUSC 158 and the ability to play the piano. Students will have independent instruction in musical composition. Weekly assignments of prescribed composition projects will introduce the 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.
MUSC 179 (2)—Conducting  
Prerequisites: MUSC 158 and the ability to play the piano. Co-requisite: MUSC 245 or MUSC 251. 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 the techniques examined in the classroom. May be repeated for credit.

MUSC 181 (2)—Applied Piano  
MUSC 183 (2)—Applied Organ  
MUSC 185 (2)—Applied Voice  
MUSC 187 (2)—Applied Harpsichord  
MUSC 189 (2)—Applied Guitar  
MUSC 191 (2)—Applied Strings  
MUSC 193 (2)—Applied Woodwinds  
MUSC 195 (2)—Applied Fortepiano  
MUSC 197 (2)—Applied Brass  
Prerequisite: Admission is determined by an audition with the faculty. Incoming first-year students should plan to audition, whenever possible, during their on-campus prospective student visit. If it is impossible to play a live audition, an audition tape may be submitted. 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, one-hour private lesson is provided at an additional charge for all Sweet Briar degree candidates. Instruction is available in the following areas: piano, organ, voice, harpsichord, harp, guitar, stringed instruments, woodwind instruments, and brass instruments. Lessons are offered both on campus and in conjunction with neighboring institutions and professional musicians.

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 199 (1)—Musical Pedagogy  
Prerequisites: Permission of the instructor; intermediate level of competency in applied music area and a background in music theory. Co-requisite: An applied music course. An introduction to applied music pedagogy in the areas of piano, strings, and voice. The student will select one area of concentration for two-thirds of the course. The other third will be divided equally to demonstrate the kinds of specialized pedagogy in the other two applied areas. The string area will concentrate in the Suzuki methods of teaching and may lead to certification as a Suzuki teacher. This course may be repeated for credit. Offered alternate years.

MUSC 205 (1)—Accompanying  
Prerequisites: Audition and permission of the instructor. Coaching and preparation of repertoire for keyboard with voice or instrumentation; sight-reading; with possible performance in recital of literature studied. V.6b.

MUSC 212 (4)—Music in the Baroque and Rococo  
Prerequisite: MUSC 157. A study of vocal and instrumental Western music from 1600 to 1770 with attention both to general stylistic developments in their historical contexts and to the structure and history of significant individual compositions. Topics covered will include opera, oratorio, cantata, sonata, concerto grosso, and keyboard music. Basic forms and score analysis will be introduced. These include aria forms, concerto grosso, dance suites, passacaglia, fugue and free keyboard forms. V.1, V.6a.

MUSC 213 (4)—Classical and Romantic Music  
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, V6a.

MUSC 220 (3)–Piano Literature
Prerequisite: MUSC 181. Study and analysis of keyboard music from the pre-piano period to the present. Special attention will be given to the development of keyboard forms, techniques and idiomatic styles. V.6a.

MUSC 221 (3)–Jazz Studies
As a musical language, jazz is the first indigenous American style to affect music in the rest of the world. This course will teach the musician and non-musician alike how to identify the musical parameters used in jazz composition and performance. We shall look at the historical and social impact of slavery, segregation, drugs, and the growth of international attention on this art form, as well as the role of women jazz musicians. Offered alternate years. III.O, V.6a.

MUSC 245 (1)–Concert Choir
Prerequisites: Audition and permission of the instructor. Rehearsal and performance of the choral literature from the Renaissance to the 20th century. Performances with neighboring college choral groups. V.6b.

MUSC 251 (1)–Chamber Orchestra
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 257 (3)–Advanced Theory I
Prerequisite: MUSC 158 or placement. Continuation of the study of theoretical and compositional devices and forms of the Common Practice period, and study of late 19th- and 20th-century harmonic practices. See department chair for placement test information. III.O, V.6a.

MUSC 258 (3)–Advanced Theory II
Prerequisite: MUSC 257. Continuation of the study of theoretical and compositional devices and forms of the Common Practice period, and study of late 19th- and 20th-century harmonic practices. See department chair for placement test information. III.O, V.6a.

MUSC 261 (1, 2, or 3)–Directed Study
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 (2)–Recital
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 331 (3)–Medieval and Renaissance Music
Prerequisite: MUSC 157. A study of Western music from the period of Gregorian chant through the Renaissance period. Emphasis is placed upon study of stylistic developments in their historical contexts. V.1, V6a.

MUSC 338 (4)–Music from Impressionism to the Present
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, V6a.

MUSC 340 (3)–Musical Genres
Prerequisite: Permission of the instructor. A course focusing upon the history and the development of one of the following genres: the symphony, chamber music, the concerto, opera, art song, choral music, jazz, or film music. V.6a.
MUSC 358 (3)–Form and Analysis
Prerequisite: MUSC 258. Analytical study of music from several points of view, concentrating upon larger form, harmonic organization, rhythmic aspects, matters of texture, sonority, tension and relaxation, and coherence and unity. III.O, III.W.

MUSC 361 (1, 2, or 3)–Special Study
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 (1, 2, or 3)–Internship
Prerequisites: Three credits in MUSC and permission of the instructor, department chair, and dean. This course is graded P/CR/NC only.

MUSC 452 (3)–Senior Seminar
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 (1, 2, or 3)–Independent Study
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
See Department of Classics, Philosophy, and Religion on page 67.

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, tennis, and volleyball, as well as the club sports of fencing and tennis. 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 - Aerobic Walking
PHED 117 - Weight Training I
PHED 122 - Running
PHED 127 - Spinning
PHED 128 - Personal Fitness
PHED 217 - Weight Training II
PHED 219 - Aerobic Fitness
PHED 220 - Advanced Personal Fitness
PHED 300 - Swim Team Conditioning

Aquatics
PHED 101 - Beginning Swimming
PHED 103 - Scuba
PHED 104 - Swim for Fitness
PHED 105 - Aquatic Fitness Activities
PHED 201 - Intermediate Swimming
PHED 204 - Advanced Swim for Fitness
PHED 205 - A.R.C. Lifeguard Training
PHED 305 - A.R.C. Lifeguard Training Review
PHED 306 - Water Safety Instructor Course

Outdoor Education
PHED 125 - Hiking in the Blue Ridge
PHED 126 - Introduction to Caving
PHED 129 - Kayaking
PHED 130 - Outdoor Adventure Skills
PHED 131 - Beginning Canoeing
PHED 228 - Intermediate Canoeing
PHED 229 - Intermediate Kayaking

General Activities
PHED 109 - Folk Dance
PHED 115 - Yoga
PHED 118 - Rape Aggression Defense
PHED 123 - Relaxation and Stretching

Individual Sports
PHED 135 - Beginning Badminton
PHED 138 - Fencing
PHED 139 - Golf
PHED 146 - Beginning Tennis
PHED 235 - Intermediate Badminton
PHED 239 - Intermediate Golf
PHED 246 - Advanced Beginning Tennis
PHED 346 - Intermediate Tennis

Team Sports
PHED 132 - Softball Skills
PHED 133 - Flag Football
PHED 136 - Basketball Skills

PHED 141 - Hockey
PHED 142 - Lacrosse
PHED 148 - Volleyball
PHED 150 - Soccer
PHED 322 - Club Running
PHED 338 - Club Fencing
PHED 347 - Intercollegiate Club Tennis
PHED 401 - Varsity Swimming Team
PHED 432 - Varsity Softball Team
PHED 441 - Varsity Hockey Team
PHED 442 - Varsity Lacrosse Team
PHED 446 - Varsity Tennis Team
PHED 448 - Varsity Volleyball Team
PHED 450 - Varsity Soccer Team

Elective Courses
These courses are graded and count toward the hours required for graduation, but they do not satisfy the General Education Physical Activity requirement.

PHED 110 (1)–Strategies for Wellness: Stress Management for Women
Students may not receive credit for more than one course taken from PHED 110, PHED 111, and PHED 112. 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 111 (1)–Strategies for Wellness: Nutrition for Women
Students may not receive credit for more than one course taken from PHED 110, PHED 111, and PHED 112. Students will learn principles of nutrition and implement a personal nutrition plan, and examine the impact of nutrition on individual wellness.

PHED 112 (1)–Strategies for Wellness: Exercise and Fitness for Women
Students may not receive credit for more than one course taken from PHED 110, PHED 111, and PHED 112. Students will learn principles of exercise and exercise-related injuries, design and implement a personal exercise plan, and examine the impact of exercise on individual wellness.
PHED 116 (2)—Introduction to Sport Psychology
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 (3)—Theories of Athletic Training
This course is an introductory exploration of the etiology and pathology of athletic-related injuries. It explores historical issues related to both past and current theories on treatment of athletic-related injuries. Topics discussed include the evolution of sports medicine as a defined discipline in the medical world and an exploration of the physical and philosophical differences in the treatment of athletes vs. non-athletes. Students examine the human musculoskeletal system and learn how structures are involved in physical movement, as well as the role they play in mechanisms of injuries. In completing the evaluation of an athletic injury, students apply decision-making to the procedure of history, observation, palpation and testing in an orthopedic examination. Throughout the course, students learn and compare the physiological differences between men and women that may predispose women to particular injuries.

PHED 161 (1, 2, or 3)—Special Study
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 179 (3)—Introduction to Women’s Sport and Culture
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. 

PHED 221 (.5)—Advanced Personal Fitness Theory
Prerequisite: PHED 128; co-requisite: 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 (1, 2, or 3)—Special Study
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 (1, 2, or 3)—Internship
Prerequisites: Three credits in PHED and permission of the instructor, department chair, and dean. This course is graded P/CR/NC only.

PHED 461 (1, 2, or 3)—Independent Study
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 and Engineering

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.

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.

Students interested in focusing on management within technical companies, an area with high demand for graduates, may choose to major in integrated engineering and management. The curriculum consists of fundamental science, math, and engineering courses with an emphasis on developing management skills and interconnections between these disciplines.

These interdisciplinary programs meet the needs for technically trained business leaders in the private and public sector. Both majors stress 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 U.S.

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 Physics Major (B.A.)
(47 semester hours)

Required:
ENGR 221 (4) - Electrical Circuits
MATH 123 (4) - Calculus I
MATH 124 (4) - Calculus II
MATH 223 (3) - Calculus III
PHYS 131 (1) - Introductory Physics Lab I
PHYS 132 (1) - Introductory Physics Lab II
PHYS 171 (4) - General Physics I
PHYS 172 (4) - General Physics II
PHYS 201 (4) - Mathematical Methods of Engineering and Physics
PHYS 202 (3) - Twentieth-Century Physics
PHYS 233 (1) - Intermediate Physics Lab
PHYS 240 (3) - Optics

Senior Exercise:
PHYS 321 (3) - Advanced Physics Laboratory

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. NOTE: CHEM 332 and PHYS 327 cannot both be counted toward the major.

Note: In addition to all other degree requirements, students must have a 2.0 GPA in all physics courses and ENGR 221 in order to graduate with this major.

The Physics Major (B.S.)
(63 semester hours)

Required:
CHEM 131 (4) - General Chemistry
CHEM 141 (1) - General Chemistry Lab
CHEM 252 (4) - Introduction to Quantitative and Inorganic Chemistry
CHEM 253 (1) - Introduction to Quantitative and Inorganic Chemistry Lab
ENGR 221 (4) - Electrical Circuits
MATH 123 (4) - Calculus I
MATH 124 (4) - Calculus II
MATH 223 (3) - Calculus III
PHYS 131 (1) - Introductory Physics Lab I
PHYS 132 (1) - Introductory Physics Lab II
PHYS 171 (4) - General Physics I
PHYS 172 (4) - General Physics II
PHYS 201 (4) - Mathematical Methods of Engineering and Physics
PHYS 202 (3) - Twentieth-Century Physics
PHYS 233 (1) - Intermediate Physics Lab
PHYS 240 (3) - Optics
PHYS 351 (2) - Research in Physics

Senior Exercise:
PHYS 321 (3) - Advanced Physics Laboratory

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. NOTE: CHEM 332 and PHYS 327 cannot both be counted toward the major.

Note: In addition to all other degree requirements, students must have a 2.0 GPA in all physics courses and ENGR 221 in order to graduate with this major.

The Physics Minor
(18 semester hours)

Choose 18 credits in physics courses numbered 131 or above.

Teacher Licensure
(62 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-phys-ics 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.

The Engineering Management Major (B.A.)
(68 semester hours)

Required:
BUSN 127 (3) - Accounting I
BUSN 131 (3) - Fundamentals of Management
BUSN 150 (3) - Fundamentals of Marketing
ENGR 110 (4) - Designing Our World: An Introduction to Engineering Design
ENGR 120 (3) - Analyzing Our World: Foundations of Engineering Analysis
ENGR 215 (4) - Materials Science and Engineering
MATH 123 (4) - Calculus I
MATH 124 (4) - Calculus II
MATH 205 (3) - Applied Statistics

Senior Exercises:
Choose one of the following:
BUSN 452 (3) - Senior Seminar
ENGR 451 (3) - Capstone Design I

Choose 1 of the following courses:
ENGR 230 (3) - Technology and Society: A Regional Perspective
ENGR 232 (3) - Technology and Society: A Global Perspective

Choose 6 additional semester credits in engineering courses at the 200-level or above.

Choose 6 additional semester credits in engineering courses at the 300-level or above.

Choose 1 of the following options:
OPTION A
BUSN 337 (3) - International Management
And 6 additional semester credits in business or economics courses.

OPTION B
BUSN 128 (3) - Accounting II
BUSN 210 (3) - Financial Systems
BUSN 318 (3) - Production and Operations Management

Choose 1 of the following options:
OPTION A
PHYS 131 (1) - Introductory Physics Laboratory I
PHYS 132 (1) - Introductory Physics Laboratory II
PHYS 171 (4) - General Physics I
PHYS 172 (4) - General Physics II

OPTION B
CHEM 131 (4) - General Chemistry
CHEM 141 (1) - General Chemistry Lab
PHYS 131 (1) - General Physics Laboratory I
PHYS 171 (4) - General Physics I

The Engineering Science Major (B.S.)
(84 semester hours)

Required:
BUSN 326 (3) - Project Selection and Management
CHEM 131 (4) - General Chemistry
CHEM 141 (1) - General Chemistry Lab
ENGR 110 (4) - Designing Our World: An Introduction to Engineering Design
ENGR 120 (3) - Analyzing Our World: Foundations of Engineering Analysis
ENGR 205 (3) - Statics and Strength of Materials
ENGR 206 (3) - Dynamics and Kinematics
ENGR 215 (4) - Materials Science and Engineering
ENGR 221 (4) - Electrical Circuits
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<td>Signals and Systems</td>
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<td>ENGR 331</td>
<td>Machine Design</td>
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<td>Systems Modeling and Controls</td>
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Senior Exercises:
- ENGR 451 (3) - Capstone Design

Choose 1 of the following courses:
- ENGR 230 (3) - Technology and Society: A Regional Perspective
- ENGR 232 (3) - Technology and Society: A Global Perspective

Choose 1 additional three-credit ENGR course at the 200-level or above.

The Engineering Science Minor
(21 semester hours)

Required:
- ENGR 110 (4) - Designing Our World: An Introduction to Engineering Design
- ENGR 120 (3) - Analyzing Our World: Foundations of Engineering Analysis
- PHYS 131 (1) - Introductory Physics Laboratory I
- PHYS 171 (4) - General Physics I

Choose 9 additional semester credits in engineering at the 200-level or above.

Course Descriptions—Engineering

ENGR 110 (4) – Designing Our World: An Introduction to Engineering Design
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. Recitations provide guidance on how to approach and solve problems. Underlying themes include teamwork, communication, optimization, design trade-offs, and decision-making. III.Q, V8ab.

ENGR 120 (3) – Analyzing Our World: Foundations of Engineering Analysis
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, structured programming and basic numerical methods using Matlab, and data manipulation using Excel. A cooperative learning approach will be used to encourage student interaction in and out of the classroom. III.Q

ENGR 205 (3) – Statics and Strength of Materials
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 (3) – Dynamics and Kinematics
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 (4)–Materials Science and Engineering  
**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 (4)–Electrical Circuits  
**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.

ENGR 230 (3)–Technology and Society: A Regional Perspective  
**Prerequisite:** Sophomore standing. This course involves interdisciplinary teams of faculty and students considering cultural concepts such as race, class, and gender, along with investigating relevant contemporary economic and political institutions, in designing solutions to real-world problems within economically disadvantaged areas of the U.S. 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 232 (3)–Technology and Society: A Global Perspective  
**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 235 (3)–Technology and Society: Implementation  
**Prerequisite:** ENGR 230 or ENGR 232. This course involves on-site implementation of the design solutions developed by interdisciplinary teams of faculty and students in either ENGR 230 or ENGR 232. The teams will implement their solutions at the project site for a minimum of two weeks. An example would be building a reservoir and piping distribution system to address the water needs of an isolated Appalachian community.

ENGR 261 (1, 2, or 3)–Directed Study  
**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 (4)–Thermal and Fluid Systems  
**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 316 (3)–Signals and Systems  
**Prerequisite:** ENGR 221. This course focuses on analyzing signals and systems with applications to control, communications, and signal processing. Topics covered include representation of signals, linear time-invariant systems, Fourier analysis of signals, input/output analysis, and Laplace transforms and principles. Practical examples are emphasized and computer techniques are employed.

ENGR 323 (3)–Finite Element Analysis  
**Prerequisite:** ENGR 205. The finite element method is a numerical procedure for solving problems in continuum mechanics. This course empha-
sizes 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 331 (3)–Machine Design**  
**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. Two hours of lecture and three hours of laboratory.

**ENGR 361 (1, 2, or 3)–Special Study**  
**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 (1)–Engineering Co-op**  
**Prerequisites:** ENGR 120 and sophomore standing. Students will learn through hands-on experience obtained in an industrial setting with practicing engineers. Students receive one hour of co-op credit for 10 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 411 (3)–Thermal and Chemical Energy Applications**  
**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, electric/hybrid vehicles, and other applications of current interest. Laboratory work includes energy analysis of campus facilities and visits to local energy sites and energy equipment manufacturers. Two hours of lecture and two hours of laboratory.

**ENGR 415 (4)–Systems Modeling and Controls**  
**Prerequisites:** ENGR 316 and PHYS 201. 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. Laboratory consists of design, analysis, construction, and testing of electrical and electromechanical circuits and devices. Three hours of lecture and three hours of laboratory.

**ENGR 424 (3)–Mechatronics**  
**Prerequisite:** ENGR 415. This course focuses on designing systems by integrating mechanical, electrical, and control systems engineering. Topics covered include: electromechanical sensors, actuators, DA and AD converters, and data acquisition methods. Digital control methods and microprocessors will be introduced in class and used to design and conduct experiments. Two hours of lecture and three hours of laboratory.

**ENGR 426 (3)–Robotics**  
**Prerequisites:** ENGR 206 and PHYS 201. 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 436 (3)–Communications Systems**  
**Prerequisite:** ENGR 221. This course focuses on the elements of communication systems including filtering and signal to noise ratios; baseband communication systems; quantizing and digital modulation including error rates; analog modulation including noise performance; correlated noise generation; memory modulation schemes; and frequency and time multiplexing. MATLAB is utilized throughout the course in conjunction with SIMULINK to analyze, program, and design optimal communications systems.
ENGR 451 (3)—Capstone Design
Prerequisites: Open to students with senior standing and majoring or minoring in engineering science or engineering management.
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.

ENGR 461 (1, 2, or 3)—Independent Study
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.

Course Descriptions—Physics

PHYS 103 (4)—Physics by Inquiry
Emphasis will be placed on hands-on, inquiry-based explorations of physics. Students will study topics, including mechanics and electricity and magnetism, using appropriate tools and equipment in order to understand fundamental concepts. Students will also gain experience in independent investigation and the development and implementation of their own hands-on exercises and experiments. Six hours of lecture/lab per week. V.8ab.

PHYS 105 (3)—Physics for Liberal Arts I
An introduction to the basic laws of physics, designed to give an understanding of the fundamental physical principles underlying natural phenomena and their technological applications. The physics of the atom, the laws of mechanics, and the study of thermodynamics. Three hours lecture. It is recommended (but not required) that PHYS 107, Physics for the Liberal Arts Laboratory, be elected simultaneously with this course. III.Q, V.8a.

PHYS 107 (1)—Physics for the Liberal Arts Laboratory
Prerequisite or co-requisite: PHYS 105.
Experiments in introductory mechanics, atomic physics, spectroscopy, energy, and thermodynamics. One three-hour laboratory. III.Q, V.8b.

PHYS 113 (3)—Astronomy for the Liberal Arts
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 (1)—Astronomy for the Liberal Arts Laboratory
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 121 (3)—Principles of Physics I
Prerequisite: MATH 113, MATH 123, or MATH 124. General physics without calculus. Topics include Newton’s Laws, gravitation, energy, heat, and sound. Applications to biological systems. Offered alternate years. This course does not count toward either the physics or mathematics-physics major requirements. III.Q, V.8a.

PHYS 122 (3)—Principles of Physics II
Prerequisite: PHYS 121. General physics without calculus. Topics include electromagnetism, light, optics, and modern physics. Applications to biological systems. It is strongly advised that Physics 122 be taken immediately following successful completion of Physics 121. Offered alternate years. This course does not count toward either the physics or mathematics-physics major requirements. III.Q, V.8a.

PHYS 131 (1)—Introductory Physics Laboratory I
Prerequisite or co-requisite: PHYS 121 or PHYS 171. Experiments in mechanics. One three-hour laboratory. III.Q, V.8b.
PHYS 132 (1)—Introductory Physics Laboratory II
Prerequisite or co-requisite: PHYS 122 or PHYS 172. Experiments in waves, optics, thermodynamics, and simple circuits. One three-hour laboratory. III.Q, V.8b.

PHYS 171 (4)—General Physics I
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. Four hours lecture. III.Q, V.8a.

PHYS 172 (4)—General Physics II
Prerequisite: PHYS 171. Prerequisite or co-requisite: MATH 124. A study of electricity, magnetism, circuits, electromagnetic waves, and optics. Four hours lecture. III.Q, V.8a.

PHYS 201 (4)—Mathematical Methods of Engineering and Physics
Prerequisites: MATH 223 and PHYS 172. This course focuses on the mathematical techniques and software frequently used by physicists and engineers. Students will study topics including linear algebra, differential equations, vector calculus, series expansions, complex numbers, and numerical techniques. Mathematical topics will be presented with an emphasis on applications in engineering and physics.

PHYS 202 (3)—Twentieth-Century Physics
Prerequisite: PHYS 172. Prerequisite or co-requisite: MATH 328 or PHYS 201. The small, the fast, and the beautiful. An introduction to the special theory of relativity and quantum phenomena. The Bohr atom, the wave function, electron spin, Pauli Principle, quantum statistics, and atomic structure. Four hours lecture. III.W.

PHYS 210 (3)—Introductory Astronomy and Astrophysics
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 220 (3)—Computational Physics
Prerequisites: CSCI 188 and PHYS 172. Prerequisite or co-requisite: MATH 223. Computer modeling of physical phenomena using numerical methods and Monte Carlo simulations. Offered alternate years.

PHYS 230 (3)—Introduction to Solid-State Physics and Materials Science
Prerequisite: PHYS 202 or CHEM 331. A survey of the fundamental principles determining the macroscopic properties of solids. The lattice system and the electron system are investigated as a basis for understanding dielectric, optical, semiconductive, and superconductive behavior in solids. Offered alternate years.

PHYS 233 (1)—Intermediate Physics Laboratory
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 (3)—Optics
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 261 (1, 2, or 3)—Directed Study
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 (3)—Classical Mechanics
Prerequisites: PHYS 172; and PHYS 201 or MATH 328. Classical mechanics, Lagrangian and Hamiltonian functions. Central force problems. Offered alternate years.

PHYS 302 (3)—Electromagnetic Theory
Prerequisites: PHYS 172; and PHYS 201 or MATH 328. Maxwell’s Equations, electromagnetic waves, and material media. Offered alternate years.
PHYS 313 (3)—Quantum Mechanics
Prerequisite: PHYS 202. Quantum mechanics, solutions of Schrödinger’s Equation, operator formalism, angular momentum, and perturbation theory. Offered alternate years.

PHYS 321 (3)—Advanced Physics Laboratory
Prerequisite: PHYS 233. Prerequisite or corequisite: PHYS 202. Advanced experiments in classical and modern physics including the determination of the fundamental physical constants: G, h, c, e, and μ. Two three-hour laboratory periods. Offered alternate years. III.O.

PHYS 327 (3)—Thermodynamics and Statistical Mechanics

PHYS 337 (1, 2, 3)—Special Topics
Prerequisite: Permission of the instructor. The study of an advanced topic not normally covered in other physics courses.

PHYS 351 (1, 2, or 3)—Research in Physics
Prerequisite: By permission. 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 (1, 2, or 3)—Special Study
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 (1, 2, or 3)—Internship
Prerequisites: Three credits in PHYS and permission of the instructor, department chair, and dean. This course is graded P/CR/NC only.

PHYS 410 (3)—Nuclear and Particle Physics
Prerequisite: PHYS 313. Introduction to topics in nuclear physics and elementary particle physics. Offered alternate years.

PHYS 461 (1, 2, or 3)—Independent Study
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 subdisciplines 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 (4) - 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 (3)–Introductory Psychology
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 (3)–Developmental Psychology: Infancy and Childhood
Prerequisite: PSYC 101. The study of human cognitive, psychosocial, and physical development from conception through childhood.

PSYC 203 (0)–Field Experience in Child Development I
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 (.5)–Field Experience in Child Development II
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 (4)–Statistics for Behavioral Sciences

**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 (3)–Social Psychology

**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 adjunct course toward the minor in gender studies. III.W.

PSYC 231 (4)–Animal Learning

**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 (3)–Organizational Psychology

**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 subdiscipline. Offered alternate years.

PSYC 238 (3)–Evolutionary Psychology

**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 243 (3)–Behavioral Approaches to Human Problems

**Prerequisite: PSYC 101.** Use of principles and procedures derived from psychological research to change behavior in a variety of settings. This course will focus on “normal” human behavior rather than “abnormal” behavior, with a practical emphasis on socially important rather than theoretically significant behavioral analysis. Concepts and principles derived from psychological research especially operant learning.

PSYC 246 (3)–Drugs, the Brain, and Behavior

**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-psychotics, 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 (3)–Introduction to Behavioral Neuroscience

**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 261 (1, 2, or 3)–Directed Study

**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 (3)–Developmental Psychology II: Adolescence and Adulthood

**Prerequisites: PSYC 101 and a 200-level psychology course.** Survey of contemporary theories and research in the psychology of adoles-
cience, 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 304 (1)—Field Experience in Adolescent Psychology
Pre-requisite: PSYC majors with junior or senior standing and permission of the instructor. Co-requisite: PSYC 302. Supervised field experience in a public or private agency setting that provides psychological or educational services to adolescents. The experience is designed to provide a sample of the type of activities in which psychologists 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 306 (1)—Field Experience in Gerontology
Pre-requisite: Permission of the instructor. Co-requisite: PSYC 302. Supervised field experience in a public or private agency setting that provides psychological or educational services to a gerontological population. The experience is designed to provide a sample of the type of activities in which psychologists 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 309 (3)—Counseling Skills
Pre-requisites: 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 (4)—Experimental Psychology
Pre-requisites: 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.W.

PSYC 315 (3)—Research in Psychology
Pre-requisites: 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 (3)—Personality
Pre-requisites: PSYC 101 and a 200-level psychology course. A survey and comparative analysis of theories and contemporary research on personality.

PSYC 321 (2)—Research Practicum
Pre-requisite: 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 (3)—Behavioral Medicine Seminar
Pre-requisites: PSYC 101 and a 200-level psychology 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. III.O.

PSYC 328 (3)—Human Neuropsychology
Pre-requisites: 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 341 (3) – Special Topics in Psychology
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. Topic for Spring 2009: “Forensic Psychology.” This course will examine the intersection of psychology and the 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 play in the criminal and family courtroom.

PSYC 355 (3) – Neuroscience of Learning and Memory
Prerequisite: A 200-level course in biology or psychology. 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 361 (1, 2, or 3) – Special Study
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 (1, 2, or 3) – Internship
Prerequisites: Three credits in PSYC and permission of the instructor, department chair, and dean. This course is graded P/CR/NC only.

PSYC 381 (3) – Abnormal Psychology
Prerequisites: PSYC 101 and a 300-level psychology 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 385 (3) – Sensation and Perception
Prerequisites: PSYC 101 and a 300-level psychology 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 (3) – Introduction to Family Systems Theory
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 425 (3) – Cognition
Prerequisites: PSYC 101 and a 300-level psychology course. An examination of theory and research concerning thinking. Topics will include reasoning, problem solving, imagery, and language. Offered alternate years.

PSYC 432 (4) – Psychological Tests and Measurements
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 (2) – Senior Seminar
Prerequisite: PSYC majors with senior standing. A review and synthesis of major questions, issues, and methods of psychology. III.O.

PSYC 461 (1, 2, or 3) – Independent Study
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.
Religion
See the Department of Classics, Philosophy, and Religion on page 67.

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 school ing 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 165 - Position with Hacking I
RDPR 167 - Independent Riders w/Hacking I
RDPR 171 - Position and Basic Dressage
RDPR 173 - Competitive Trail Riding
RDPR 175 - Position with Introduction to Jumping
RDPR 181 - Position and Basic Dressage II
RDPR 185 - Jumping Fundamentals I
RDPR 186 - Jumping Fundamentals II
RDPR 188 - Riding Problems
RDPR 196 - Introduction to Riding Courses I
RDPR 197 - Introduction to Riding Courses II
RDPR 198 - Introduction to Natural Horsemanship
RDPR 265 - Introduction to Riding to Hounds
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 365 - Field Riding and Jumping
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 395 - Schooling and Competing with Jumpers II
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.

RDPR 169 (0) - Basic Horse Care
RDPR 184 (0) - Principles and Methods of Judging Hunters and Selecting Thoroughbreds
RDPR 192 (0) - Form to Function

**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 (1, 2, or 3) – Special Study

*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 295 (1) – Teaching Techniques for Student Teachers

*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 361 (1, 2, or 3) – Special Study

*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 (1, 2, or 3) – Internship

*Prerequisites: Three credits in RDPR and permission of the instructor, department chair, and dean.* This course is graded P/CR/NC only.
RDPR 390 (2)—Farm and Stable Management
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 (3)—Theory and Practice of Schooling Horses
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, weekly. Offered alternate years.

RDPR 396 (3)—Contemporary Riding and Teaching
Prerequisites: Completion on 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 in the summer.

RDPR 461 (1, 2, or 3)—Independent Study
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.

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
(36 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
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.

Choose 1 of the following courses:
MATH 106 (3) - Statistical Reasoning
MATH 205 (3) - Applied Statistics

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.
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—Sociology

SOCI 100 (3) – Introduction to Sociology: The Sociological Perspective
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 overarching emphasis on the social construction of reality. May be counted as an adjunct course toward the minor in gender studies. V.5.

SOCI 110 (3) – Introduction to Sociology: Social Research
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 (3) – Medical Sociology
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 (3) – Culture, Society, and the Automobile
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 220 (3) – Community
Prerequisite: SOCI 100. This course analyzes the role of community in human social life, with attention to questions about community formation, maintenance, and change. In it we will also examine the phenomenon of intentional community and its place vis a vis mainstream society, with an emphasis on environmentally sustainable communities. Offered alternate years.

SOCI 223 (3) – The Sociology of Food
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 230 (3) – Population
Prerequisite: SOCI 110. An analysis of historical, contemporary, and anticipated population trends as these are related to economic and social situations of selected areas, with special reference to the United States. V.5.

SOCI 240 (3) – Modern Social Movements
Prerequisite: SOCI 100. A study of the growth of various social, religious, civil rights, political, and cultural movements, especially in present-day America. Attention will be given to the theories of the emergence of collective behavior, the causes of social movements, and the impact of social movements on our society.
**SOCI 250 (3)–Social Work**  
*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. *May be counted as an adjunct course toward the minor in gender studies. This course may not be used to meet the minimum number of courses required for either the major or minor in sociology.*

**SOCI 260 (3)–Sociology of Religion**  
*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 (1,2, or 3)–Directed Study**  
*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 (3)–Social Psychiatry**  
*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 (3)–Criminology**  
*Prerequisite: SOCI 110.* Critical analysis of contemporary theoretical and empirical research of the sociology of crime and delinquency. **III.Q.**

**SOCI 320 (3)–Social Organization: Work, Family, and Education**  
*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 (3)–Social Stratification**  
*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 (3)–Urban Sociology**  
*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 (3)–Minorities and Race Relations**  
*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 (1, 2, or 3)–Special Study**  
*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 (3)—Environmental Sociology
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 (1, 2, or 3)—Internship
Prerequisites: Three credits in SOCI and permission of instructor, department chair, and dean. This course is graded P/CR/NC only.

SOCI 450 (3)—Sociological Theory
Prerequisites: SOCI 100 and one additional course in sociology. 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.O, III.W, V.1.

SOCI 451 (3)—Research Methods
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.

SOCI 452 (3)—Senior Seminar
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.

SOCI 461 (1, 2, or 3)—Independent Study
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
See Department of Modern Languages and Literatures on page 144.

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.
ANARTS 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.

Choose 1 three-credit course in art history designated as III.W.

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: digital media, 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-6).

Course Descriptions

ARTS 101 (3) – Introduction to Studio Art
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 (3) – Two-Dimensional Design
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 (3) – Sculpture I
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 (3)–Photography I  
Prerequisite: 35mm non-automatic camera required; studio art majors have priority. An historical and practical study of the materials and techniques of artistic expression through the black-and-white photographic process. Will include camera and lighting techniques, film processing, a variety of printing methods, as well as some specialized techniques, such as combination printing, toning, and paper negatives. Will include study of reproduction and original prints. Safe use of toxic art materials is included. Includes information on technical and artistic copyright laws. Six hours of supervised studio. V.6b.

ARTS 127 (3)–Monoprint and Experimental Printmaking  
This course will introduce students to the monoprint, 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 waterbased inks. Safe use of toxic art materials is included.

ARTS 131 (3)–Drawing I  
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 (3)–Sculpture II  
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.

ARTS 208 (3)–Painting I  
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 (3)–History of Photography  
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.

ARTS 213 (3)–Digital Design I  
Students learn the basics of the three main computer software programs used in the graphic design field today: Adobe Photoshop, Adobe Illustrator, and Adobe Indesign. Skills to be emphasized include scanning and retouching, selection techniques, creating and editing type, and formatting and working with objects and text, filters, gradients, and transformation tools while completing workbook projects step by step. Some principles of good design will be covered for use in independent projects. Includes information on technical and artistic copyright laws. Six hours of lecture/studio per week.

ARTS 215 (3)–Beginning Lithography and Experimental Printmaking  
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.

ARTS 216 (3)–Beginning Relief Printmaking  
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.
ARTS 219 (3)–Photography II  
**Prerequisite:** ARTS 119. Further study of materials and techniques presented in Basic Photography, with emphasis on development of personal expression through the art of photography. A 35mm non-automatic camera is required. V.6b.

ARTS 220 (3)–Beginning Etching  
**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 (3)–Ceramics-Handbuilding  
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 (3)–Ceramics-Throwing  
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 (3)–Drawing II  
**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 242 (3)–Digital Art and Imaging  
**Prerequisite:** 100-level studio arts course. Students will learn to use the computer and methods of digital capture to create work that is fine art oriented. Software programs such as Photoshop and Illustrator will be used along with scanners, graphically 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. Includes information on technical and artistic copyright laws. V.6b.

ARTS 261 (1, 2, or 3)–Directed Study  
**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 (3)–Drawing III  
**Prerequisite:** Permission of the instructor. Advanced drawing for those students who have demonstrated their ability to continue creative work on their own initiative.

ARTS 313 (3)–Digital Design II  
**Prerequisite:** ARTS 213. This course teaches the advanced features of the three main computer software programs used in the graphic design field today: Adobe Photoshop, Adobe Illustrator, and Quark Xpress. Students work independently to apply principles of good design to original creative projects. Six hours of lecture/studio per week.

ARTS 315 (3)–Lithography  
**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 (3)–Relief Printmaking  
**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 (3)—Photography III
Prerequisite: ARTS 219. This course involves the study of the zone system, fiber-base printing and toning, studio lighting, color slides, and experimentation with pinhole and plastic cameras. This course will also look at basic historical and contemporary issues and techniques in photography. The student will refine material from previous courses, and explore a personal topic that a portfolio will be based on. Offered alternate years.

ARTS 320 (3)—Etching
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 (3)—Painting II
Prerequisites: ARTS 110 and 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 (1, 2, or 3)—Special Study
Prerequisites: 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 (1, 2, or 3)—Internship
Prerequisites: Three credits in ARTS and permission of the instructor, department chair, and dean. This course is graded P/CR/NC only.

ARTS 401 (3)—Painting III
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 (3)—Painting IV
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 (3)—Advanced Printmaking
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 (1)—Senior Seminar I
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 (2)—Senior Seminar II
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 (1, 2, or 3)—Independent Study
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 and Dance

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.

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.

Communications

The institutions, practices, and media of communication have played a crucial role in the continual shaping and reshaping of human societies. The impact of the printed word in early modern Europe, film and television in the twentieth century, and the internet at the dawn of the twenty-first century have a great deal in common: as carriers of information, values, and ideas all have had profound consequences for politics and for the understanding of cultural and personal identity, social relations, and our connection with the past. People learn about the world through such technologies of mass communication as film, video, print and electronic journalism. The communications minor introduces students to a critical understanding of the theory, history, practice, and impact of the various media of communication.

The Theatre Major
(46 semester hours)

Required:

- ARMG 105 (4) - The Arts Organization
- ENGL 325 (3) - Shakespeare: Ten Plays
- 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 6 additional credit hours from the following:
ENGL 322 (3) - Shakespeare and Elizabethan Drama
ENGL 324 (3) - Shakespeare and Jacobean/Caroline Drama
ENGL 380 (3) - Classics of Modern Drama
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
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 in this 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 in this catalog.

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
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

Note: 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 in this catalog.

Teacher Licensure in Theatre
See the theatre program director or education department chair for information on teacher licensure in theatre (8-12).

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 341 (3) - Methods of Teaching Creative Movement and Dance
- DANC 351 (3) - Anatomy and Kinesiology
- 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) - The Arts Organization
- 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

**Note:** 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 209, DANC 211, and DANC 311.

**Note:** 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 in this 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 341 (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 heading in this 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 209 (1) - Intermediate Jazz
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 in this catalog.

Teacher Licensure in Dance
Students seeking licensure in dance must satisfy all requirements for the major in dance, must take PHED 109 (Folk Dance), and must complete two additional special studies on the following topics: kinesiology, and injury prevention and care for dance. See the additional professional studies requirements listed under the Department of Education.

The Communications Minor (18 semester hours)

Required:
ARTS 213 (3) - Digital Design I
ENGL 211(3) - - Print and Electronic Journalism I
ENGL 311(3) - - Print and Electronic Journalism II
ENGL 149 (3) - Introduction to Film Studies
THTR 102 (3) - Public Speaking
THTR 258 (3) - Debate and Argumentation

Course Descriptions – Theatre

THTR 102 (3) – Public Speaking
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 (3) – Introduction to the Theatre
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 (3) – Technical Theatre
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 152 (3) – Interpersonal Communication
This course will increase communication knowledge and skills between two or more people. Topics covered include: face-to-face verbal and non-verbal communication, listening and feedback perception, self-disclosure, relationships, attitudes, overcoming barriers, coping with conflict, assertiveness, interviewing skills, and learning to communicate more effectively. Offered alternate years. III.O.
THTR 170 (3)—Theatre on Film
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. May be counted toward the minor in film studies. Three hours lecture/discussion and two hours lab per week. Offered alternate years. V.6a.

THTR 189 (3)—Acting I
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 (3)—Business and Professional Speaking
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 (3)—Advanced Technical Theatre
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 220 (3)—Computer Applications for Technical Theatre
Prerequisite: THTR 105. An introduction to the basics of Computer Assisted Drafting (CAD), computer modeling and rendering, lighting simulation, graphic arts, sound design and editing and scanning and printing. Emphasis on establishing a foundation for further individual study and practice.

THTR 229 (2)—Production and Performance
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. V.6b.

THTR 230 (3)—Play and Screen Writing
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 (3)—Musical Theatre Literature
The history, literature and music of musical theatre through the 20th century, including how material is developed from novels, plays and other sources. Students will listen to, read and watch performances of classic musicals and learn the major figures who have contributed to the genre. Offered alternate years. III.W, V.6a.

THTR 245 (3)—Contemporary Drama
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 (3)—Debate and Argumentation
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 (1, 2, or 3)—Directed Study
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 (3)—Voice and Movement for Theatre
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 (3)—London Theatre Tour
Students will spend three weeks in London, attending 12 plays, as well as museums, art galleries, the Old Globe Project, tours of several theatres and arts complexes and a weekend in Stratford-upon-Avon. 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 of approximately $3,200. Offered alternate years. V.6a.

THTR 310 (3)—Scenography: Fundamentals of Theatrical Design
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 (2)—Advanced Theatre Production
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 (3)—History and Literature of the Theatre of the Ancient World
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 (3)—History and Literature of the Theatre of the Middle Ages and Renaissance
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 (3)—History and Literature of the Theatre in the 17th to 19th Centuries
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.6a.

THTR 336 (3)—History and Literature of the Theatre in the 20th and 21st Centuries
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 (3)—Musical Theatre Techniques
Prerequisite: THTR 189, MUSC 185, or DANC 111. Movement, voice, and acting techniques as used in the performance of musical theatre. Offered alternate years.

THTR 350 (3)—Group and Organizational Communication
Prerequisite: THTR 152. Modern theory and methodology in group communication including: entering the group, task groups, styles of leadership, bargaining, decision making, group size and structure, improving information flow, and organizational change. Offered alternate years.

THTR 361 (1, 2, or 3)—Special Study
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 (1, 2, or 3)—Internship
Prerequisites: Three credits in THTR and permission of the instructor, department chair, and dean. This course is graded P/CR/NC only.
THTR 389 (3)–Acting II  
**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.

THTR 392 (3)–Directing  
**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 (1, 2, or 3)–Independent Study  
**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 (3)–Senior Project  
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.

Course Descriptions—Dance  

DANC 105 (1)–Yoga  
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 (1)–Beginning Ballet  
Beginning technique in ballet. May be repeated for credit. IV.3, V.6b.

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

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

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

DANC 209 (1)–Intermediate Jazz  
Intermediate technique in jazz dance. May be repeated for credit. IV.3, V.6b.

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

DANC 221 (3)–Dance History I  
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 (3)–Dance History II  
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 (3)–Introduction to Dance Composition I  
**Co-requisite: DANC 107, DANC 109, DANC 111, DANC 207, DANC 209, DANC 211, or DANC 311.** Basic elements of dance composition; analyses of rhythmic movement in terms of space, time, and force. Emphasis on theme and development and on enlarging personal movement vocabulary. V.6b.

DANC 224 (3)–Introduction to Dance Composition II  
**Co-requisite: DANC 107, DANC 109, DANC 111, DANC 207, DANC 209, DANC 211, or DANC 311.** Further development of the techniques and concepts introduced in DANC 223. V.6b.

DANC 261 (1, 2, or 3)–Directed Study  
**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 (3)—Intermediate Dance Composition I
Prerequisites: DANC 223 and DANC 224.
Co-requisite: DANC 107, DANC 109, DANC 111, DANC 207, DANC 209, DANC 211, or DANC 311. Lectures and studio work in principles of movement as related to performing techniques. Experimentation with different contemporary points of view. Solo and small group compositions. V.6b.

DANC 302 (3)—Intermediate Dance Composition II
Prerequisites: DANC 223 and DANC 224.
Co-requisite: DANC 107, DANC 109, DANC 111, DANC 207, DANC 209, DANC 211, or DANC 311. Further development of the techniques and concepts introduced in DANC 301. V.6b.

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

DANC 341 (3)—Methods of Teaching Creative Movement and Dance
Prerequisite: 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 351 (3)—Anatomy and Kinesiology
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 (3)—Special Study
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 (1, 2, or 3)—Internship
Prerequisites: Three credits in DANC and permission of the instructor, department chair, and dean. This course is graded P/CR/NC only.

DANC 461 (1, 2, or 3)—Independent Study
Prerequisites: One 100-level DANC course, one 200-level DANC 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.

DANC 463 (3)—Senior Project
An independent project for the senior dance major resulting in the presentation of a recital and paper.

DANC 467 (3)—Aesthetics Dance Criticism
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
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 Honor 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 February.

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 either the junior or senior 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 complet-
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.
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 student 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 each year 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 annually to an outstanding senior history major who plans graduate study.

Faculty, 2008-2009

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Reynold Burrows, Ph.D.
Professor of Classical Studies Emeritus

Eija U. Celli, M.A.
Associate Professor of Dance Emerita

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Director Emeritus of Sweet Briar Riding Program and Professor Emeritus

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Vice President and Treasurer Emeritus

Ernest P. Edwards, Ph.D.
Dorys McConnell Duberg Professor of Ecology Emeritus

Maxine Garner, Ph.D.
Wallace E. Rollins Professor of Religion Emerita

Thomas Gilpatrick, Ph.D.
Professor of Government Emeritus

Kenneth Grimm, Ph.D.
Professor of Government Emeritus

William Hostetler, Ph.D.
Associate Professor of Economics and Director of the Management Program Emeritus
Board of Directors, 2008-2009

Sweet Briar Institute was incorporated as a non-stock corporation by Act of the General Assembly of Virginia approved February 9, 1901. The affairs of the College are managed by a self-perpetuating Board of Directors consisting of no less than 24 nor more than 35 members elected annually at the spring meeting of the Board.

Members of the Board are elected for three-year terms and include the President of the College, the President of the Alumnae Association, and three alumnae class representatives, consisting of one representative from each of the three most recent graduating classes. A director (excluding the President of the College who has no limit on the number of years or terms he or she can serve) cannot serve more than three successive three-year terms on the Board. Directors elected as officers can serve up to one additional three-year term, for a total of up to twelve successive years.

The President of the College and the President of the Alumnae Association are ex-officio members of the Board. The President of the College and the Chairman of the Board are ex-officio members of all committees of the Board of Directors.
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Chestertown, Maryland

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Vice-Chairman of the Board
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Rachel O. Flynn, M.S.
Richmond, Virginia

Jane Eastin Hager ’67, B.A.
Lyndeborough, New Hampshire

Elisabeth S. Muhlenfeld, Ph.D.
President of the College — ex officio
Sweet Briar, Virginia

Elizabeth H.S. Wyatt ’69, M.B.A.
Summit, New Jersey

Judy Wilson Grant ’66, B.A.
Littleton, Colorado

Sandra G. Herring ’74, J.D.
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Denva E. Jackson ’05, B.A.
Young Alumna Director
Darlington, South Carolina

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Houston, Texas

Sally Old Kitchin ’76, B.A.
Virginia Beach, Virginia

JoAnn Soderquist Kramer ’64, M.A.E.
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Anita Clarendon Ledsinger, ’73, B.A.
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Richard E. Leslie, B.A.
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B.S. Eastern Mennonite University, M.Div. Drew University Theological School, M.A.R. Eastern Mennonite Seminary

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A.B. Sweet Briar College
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Key to Map

1. Gatehouse
2. Elston Inn and Conference Center
3. Le Bistro, Vixen Den, Laundromat
4. Physical Plant
5. Dorothy J. Sales Building (Honors Program, Education Program, upper level; Computer Center, lower level)
6. College Relations, Development
7. Graduate Student Housing
8. Campus School
9. Boxwood Alumnae House (Sweet Briar Museum, lower level)
10. Mary Clark Rogers Garden Cottage
11. Sweet Briar House (President’s Home)
12. Hockey Field
13. Lake Tennis Courts
14. Riding Ring
15. Riding Hunt Course
16. Boathouse
17. Guion Science Center (Heuer Auditorium, main level; Classrooms, Faculty offices)
18. Observatory
19. Train Station and Caboose (Environmental Science Center)
20. Soccer, Lacrosse Fields
21. Softball Field
22. Monument Hill
23. Harriet Howell Rogers Riding Center
24. Babcock Fine Arts Center (Murchison Lane Auditorium, Babcock Gallery, main level; Dance studios, Classrooms, Faculty offices)
25. Williams Gymnasium and Prothro Natatorium (Athletic Training Room, Fitness Center, Classrooms, Faculty offices)
26. Tennis Courts
27. Fletcher (Dean’s Office, Finance and Administration, Human Resources, first floor; President’s Office, Academic Advising, second floor; Classrooms, Faculty offices, third floor; Department of Safety, lower level; computer labs, lower level)
28. Cochran Library
29. Benedict (Benedict Gallery, Tyson Auditorium, first floor; Classrooms, Faculty offices)
30. Carson Residence Hall
31. Gray Hall (Archaeology lab, first floor; Center for Civic Renewal, second floor; Classrooms, Faculty offices)
32. Anne Gary Pannell Center (Pannell Art Gallery, main level; Classrooms, Faculty offices)
33. Admissions House
34. Manson Residence Hall
35. Randolph Residence Hall
36. Memorial Chapel (Junior Year in France, Junior Year in Spain, International Studies, Academic Resource Center, Woody Computer Lab, lower level)
37. Grammer Residence Hall
38. Reid Residence Hall (Student Publications Suite, lower level)
39. Dew Residence Hall (Chaplain’s Office, Turning Point/Day Student lounge, lower level)
40. Bandstand
41. Prothro Hall (Prothro Dining Room and Atrium, first floor; Career Services, Residence Life, Student Activities and Programs, Volunteer Programs, second floor; Business Office, Financial Aid, Registrar, third floor)
42. Book Shop (Printing Services, Café, first floor; Student Government Offices, second floor)
43. Meta Glass Residence Hall (Post Office, SWEBOP, ATM, first floor)
44. Student Commons Courtyard
45. Mary Harley Student Health Center
46. Ceramics Studios
47. Studio Arts Barn

Parking Lots
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