2023-2024 CATALOG

Table of Contents

General Information ... 3
- Academic Calendar ... 3
- Bridgewater Past and Present ... 3
- The Bridgewater Experience ... 4
- Location ... 4
- Mission ... 4
- Accreditation ... 5
- Disclaimer ... 5
- Non-Discrimination Notice ... 5

Admissions ... 6
- Transfer Students ... 10
- Graduate Students ... 13
- New Student Orientation ... 15
- Procedures For Readmission To The College ... 15
- Advanced Placement ... 16
- Summer Sessions ... 17

Academics (Undergraduate) ... 17
- Courses of Instruction ... 18
- The Foundations in Liberal Arts (FILA) Program ... 18
- Degree Requirements ... 18
- Center for Engaged Learning ... 20
- Study Abroad ... 20
- Flory Honors Program ... 21
- Center for Career Development ... 22
- Educational Affiliations and Dual Degree Programs ... 22
- Pre-Professional Programs ... 23
- Honors and Awards ... 24
- The Honor System and Code of Ethics & Honor Council ... 24
- Registration, Grades and Academic Policies ... 25

Graduate Programs ... 27

College Policies ... 27
- Academic Grievance Policy ... 27
- Title IX ... 28
- Harassment and Discrimination Grievance Procedure ... 28
- General Student Grievance Procedure ... 29
- Family Educational Rights and Privacy Act of 1974 ... 29

Forrer Learning Commons and Academic Support ... 30

Student Life ... 31
- Student Engagement ... 31
- Office for Diversity Education and Advocacy ... 33
- Counseling Services ... 34
- Health Services ... 34
- Spiritual Life ... 34
- Residence Life ... 35
- Student Conduct Services ... 35

Athletics ... 35

Financial Information ... 36
- Financial Aid ... 38
- Veteran's Benefits ... 40

Organization of the College ... 42
- Faculty ... 43
- Professors ... 43
- Associate Professors ... 43
- Assistant Professors ... 45
- Visiting Professors ... 46
- Senior Instructors, Instructors and Practitioners in Residence ... 46
- Emeritus Faculty ... 47

Departments ... 49
- FILA General Education ... 49
- Art ... 56
- Biology & Environmental Science ... 58
- Chemistry & Biochemistry ... 64
- Communication Studies & Theatre ... 66
- Economics & Business Administration ... 70
- Engineering & Physics ... 74
- English ... 76
- Health & Human Sciences ... 78
- History & Political Science ... 82
- Interdisciplinary & Independent Studies ... 89
- Mathematics & Computer Science ... 92
- Music ... 94
- Philosophy & Religion ... 96
- Psychology ... 98
- Sociology ... 99
- Teacher Education Program (TEP) ... 101
- World Languages & Cultures ... 108

Courses ... 111
- Art ... 111
- Biology & Environmental Science ... 117
- Chemistry & Biochemistry ... 131
- Communication Studies & Theatre ... 137
- Economics & Business Administration ... 149
- Engineering & Physics ... 161
- English ... 167
- FILA: General Education Curriculum ... 179
- Health & Human Sciences ... 180
- History & Political Science ... 193
- Interdisciplinary & Independent Studies ... 209
- Mathematics & Computer Science ... 210
- Music ... 222
- Philosophy & Religion ... 231
- Psychology ... 241
- Sociology ... 247
- Teacher Education Program (TEP) ... 255
- World Languages & Cultures ... 260

A Message From the President

Welcome to Bridgewater College. I'm delighted that you have chosen to join our academic community—a community of scholars, a community of teachers and learners. In and out of the classroom, you will be challenged to grow in myriad ways. My goal—and it should be yours, too—is for you to graduate from BC ready to lead an educated, purposeful and ethical life: a life of professional accomplishment and personal fulfillment. That kind of life is a journey, and it begins here, where the faculty, staff and your fellow students will contribute to an education in mind, body and spirit.

The policies and courses described in this catalog are just a framework, and just a starting point. You'll find enrichment not only in the classroom, but also when putting your learning into action, through internships, while volunteering or participating in a student organization, when traveling to other continents on a study abroad adventure, by your participation in the Center for Engaged Learning, and much, much more. The Bridgewater Experience is now your experience, the foundation on which an entire life can be built.

Thank you for accepting the challenge to learn and grow with us.

Sincerely,

David W. Bushman, Ph.D
President

General Information

Academic Calendar

Fall Semester 2023	
Faculty Meeting Days	August 14-18
International Student Orientation	August 16-17
First Year Student Move-In	August 17
First Year Student Orientation	August 17-21
Returning and Transfer Student Move-In	August 20
Fall Registration	August 21
Opening Convocation	August 21
First Day of Fall Classes	August 22
Last Day to Add a Class	August 29
Family Weekend	September 15-17
Fall Break (begins after last class)	September 29
Classes Resume	October 4
Mid-Term Grades Due	October 13
Advising Week	October 16-20
Homecoming	October 27-29
Last Day to Withdraw	October 31
Fall Board Meeting	November 2-3
Thanksgiving Break (begins after last class)	November 21
Classes Resume	November 27
Last Day of Classes	December 1
Reading Days	December 2-3
Exams	December 4-8
Spring Semester 2024	
Spring Classes Begin	January 8
MLK Holiday (no classes)	January 15
Last Day to Add a Class	January 16
Mid-Term Grades Due	February 16
Spring Break (begins after last class)	February 23
Classes Resume	March 4
Advising Week	March 11-15
Last Day to Withdraw	March 26
Easter Break (begins after last class)	March 28
Classes Resume	April 2
Founder's Day	April 2
Spring Board Meeting	April 4-5
Last Day of Spring Classes	April 24
Exams	April 25-27
Reading Day	April 28
Exams	April 29-30
Baccalaureate	May 3
Commencement	May 4
May Term 2024	
May Term Begins	May 8
May Term Ends	May 24
Four-Week Summer Sessions 2024	
Summer Session 1 Begins	May 28
Summer Session 1 Ends	June 21
Summer Session 2 Begins	June 24
Independence Day Holiday	July 4
Summer Session 2 Ends	July 19
Eight-Week Summer Session 2024	
Summer Session 3 Begins	May 28
Independence Day Holiday	July 4
Summer Session 3 Ends	July 19

Bridgewater Past and Present

Coeducational since its founding in 1880, Bridgewater College is an independent, private liberal arts college in Virginia. Founded as Spring Creek Normal School and Collegiate Institute by Daniel Christian Flory, an alumnus

of the University of Virginia and a leader in the Church of the Brethren, who wanted to bring the values and benefits of Jefferson's "Academic Village" to the Shenandoah Valley, the school was named Bridgewater College nine years later and chartered by the Commonwealth of Virginia to grant undergraduate degrees. Bridgewater conferred its first bachelor of arts degree on June 1, 1891.

The College has consistently empowered its students to lead principled lives of purpose and consequence, as they pursue professional accomplishment and personal fulfillment. Bridgewater lives out its mission by embracing the ideals of goodness, truth, beauty and harmony. Grounded in historical ties with the Church of the Brethren, these ideals inspire an education committed to pursuing truth, to living lives enriched by beauty and aspiring to goodness, and to achieving a vision of unity and community.

The student experience at Bridgewater is shaped and defined by connections—between students faculty, alumni, and community members—and with new ideas and the wider world. Bridgewater's commitment to building connections for life allows students more opportunities to flourish than they might have elsewhere—more opportunities to participate in sports, theatre, music, clubs and organizations; to exercise leadership; and to develop and achieve their potential as they are mentored by the teacher-scholars that make up the faculty.

Connections are fundamental to the nature of BC's academic and co-curricular programs, and they form the basis of how every member of the community lives and learns together.

The Bridgewater Experience

Your Bridgewater Experience is a network of connections. You'll build connections to big ideas, great mentors, inspiring classmates and professional experiences. You'll learn and grow in ways you never thought possible. And you'll graduate prepared to lead and build community - wherever you go in life.

Bridgewater offers bachelor of arts and bachelor of science degrees in approximately 60 majors and minors and several master's degree programs. Through personalized advising and collaboration, we'll make sure your academic journey never hits a dead end.

Learning at Bridgewater College is all about making connections between the classroom and the outside world. Whether it's through a May Term class, a semester-long study abroad program or through the opportunities to experience cultural diversity on campus, you'll find new ways to learn through the lens of other cultures.

Your classes will embrace the open exchange of ideas that lead to new understanding and knowledge, while preparing you to think critically and engage in civil discourse. You'll have the opportunity to work one-on-one with faculty mentors and engage in personalized independent study and research.

With approximately 60 clubs and organizations, everyone has an opportunity to be involved on campus, and a third of the student body participates in intercollegiate athletics at the NCAA Division III level.

As a Bridgewater student, you will be prepared to live and work in community with others, to thrive as an educated citizen and an ethical, selfless leader, and to be an active participant in a global society, with respect for the dignity and worth of every person.

Location

Bridgewater College is located in the heart of the Shenandoah Valley of Virginia, only two hours southwest of the Washington, D.C. metropolitan area.

The College offers its students a variety of housing options. A virtual tour and a campus map with a complete listing of campus buildings are available at bridgewater.edu/visit.

Mission

Bridgewater College empowers students to lead principled lives of purpose and consequence marked by professional accomplishment and personal fulfillment. Our graduates are distinguished by their collaborative spirit, reason, and resilience of mind in service to a diverse and global community.

Statement of Institutional Values

Bridgewater College lives out its mission by embracing the ideals of Goodness, Truth, Beauty, and Harmony. Grounded in our historical ties with the Church of the Brethren, these ideals animate our mission and inspire us to educate students committed to pursuing truth, to living lives enriched by beauty and aspiring to goodness, and to achieving a vision of unity and community.

Goodness. We strive to produce graduates who engage the world with compassion, integrity, and humility, and who seek to build peaceful and just communities.

Truth. We embrace the open exchange of ideas leading to new understanding and knowledge through a liberal arts education that instills in students the skills and habits of mind to think critically and independently.

Beauty. We educate the whole person and recognize that the fullness of the human spirit requires an understanding of and commitment to passion, creativity, and imagination that give the world substance, vitality and depth.

Harmony. We celebrate the diversity among us while promoting civil discourse. We prepare graduates to live and work in community with others, to thrive as educated citizens, ethical and selfless leaders, and to be active participants in a global society where they serve with respect for the dignity and worth of every person.

Accreditation

Bridgewater College is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award degrees at the baccalaureate and master's level. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of Bridgewater College. Additionally, the College is also accredited by both the State Board of Education of Virginia to offer a state approved program of teacher education and the Commission on Accreditation of Athletic Training Education (CAATE) to offer athletic training education. Bridgewater College is accredited by the Council for the Accreditation of Educator Preparation (CAEP), located at 1140 19th St, NW, Suite 400, Washington, DC 20036. Bridgewater College is a member of the American Council on Education, the Council of Independent Colleges and the National Association of Independent Colleges and Universities.

Disclaimer

The Bridgewater College catalog is a multi-purpose document, and the content of this Catalog and the referenced policies or procedures do not create and do not constitute a contract of any kind. The catalog describes the courses of study, explains certain rules and regulations, states the cost of attendance, contains lists of the administration and faculty and describes other aspects of campus life in effect at the time of publication. All of these and other sources and references are simply statements or summaries of standards and expectations, or are informational as part of the College's ongoing academic and other operations. The College reserves the right to vary from them and to modify any of them at any time without prior consent or notice even during the academic year or period, although it will endeavor to publish changes or updated versions as it may deem appropriate in its sole discretion. The continuation of a specific course, policy or requirement is not guaranteed. Not all College policies and procedures affecting students are described in the College catalog. Please refer to *The Eagle* student handbook, the College's website and other materials for additional information.

Non-Discrimination Notice

Bridgewater College does not discriminate on the basis of race, color, national or ethnic origin, sex, marital status, gender identity or expression, sexual orientation, disability, religion, age, veteran status, family medical or genetic information, or political affiliation in the administration of its educational policies, admissions policies, scholarship and loan programs, athletic programs, or other college programs and activities, or with regard to employment as required by Title IX of the Education Amendments of 1972, Americans with Disabilities Act of 1990, as amended, Section 504 of the Rehabilitation Act of 1973, Titles VI and VII of the Civil Rights Act of 1964, Age Discrimination Act of 1975, the Genetic Information Nondiscrimination Act of 2008, and other applicable statutes and College policies.

Title IX of the Education Amendments of 1972

Title IX, the federal law that prohibits sex discrimination, provides that "no person ... shall, on the basis of sex, be excluded from participation in, be denied benefits of, or be subjected to discrimination under any education program or activity receiving federal financial assistance ...." For purposes of Title IX, sex discrimination involves sexual harassment, including sexual violence. As described in its Sexual Misconduct Policy, Bridgewater College prohibits sexual and gender-based harassment, including sexual assault, and other forms of interpersonal violence.

The College's Title IX Coordinators are the designated college officials with primary responsibility for coordinating the college's compliance with Title IX and other federal and state laws and regulations relating to sex-based discrimination.

Dr. Jennifer C. Hawkinberry
Title IX Coordinator and Executive Director for Clery Compliance
Kline Campus Center, Room 120
540-828-8063, jhawkinberry@bridgewater.edu or TitleIXCoordinator@bridgewater.edu

Katie Seymour
Deputy Title IX Coordinator
Funkhouser Center, Room 104
540-828-5391, kseymour@bridgewater.edu

Heather Grant
Deputy Title IX Coordinator
Nininger Hall, Room 248
540-828-8043, hgrant@bridgewater.edu

Title VI and Title VII of the Civil Rights Act of 1964

The following person has been designated to handle inquiries regarding non-discrimination policies:

Dr. Leona A. Sevick
Executive Vice President and Provost
Flory Hall, Room 102
540-828-5607, lsevick@bridgewater.edu

Age Discrimination in Employment Act of 1975

The ADEA protects individuals from discrimination based on age in programs or activities receiving Federal financial assistance. Inquiries concerning the application of the ADEA should be directed to:

Dr. Leona A. Sevick
Executive Vice President and Provost
Flory Hall, Room 102
540-828-5607, lsevick@bridgewater.edu

Section 504 of the Rehabilitation Act of 1973 and the Americans' with Disabilities Act

Individuals, including Bridgewater students and employees, and participants in Bridgewater's programs or activities, may be entitled to reasonable accommodations or modifications for a disability. These laws protect individuals from discrimination based on disability in admission, employment, treatment, or access in programs or activities receiving Federal financial assistance. The following persons have been designated to handle inquiries regarding the American with Disabilities Act, Rehabilitation Act, and related statutes and regulations:

Student inquiries should be directed to:

Denise Miller
Director of Academic Support and Disability Services
Flory Hall, Room 116
540-828-5611 | dmiller2@bridgewater.edu

Employee and Visitor inquiries should be directed to:

Kimberly Harper
Director of Human Resources
Finance Building, Room 9
540-828-5393 | kharper@bridgewater.edu

Complaints of discrimination, harassment, and retaliation may be directed to the Executive Vice President and Provost: lsevick@bridgewater.edu; 540-828-5307. Complaints may also be filed with the U.S. Department of Education Office for Civil Rights, U.S. Equal Employment Opportunity Commission, and the Commonwealth of Virginia Office of Civil Rights.

USDA Funding Notice

Bridgewater College has partnered with the U.S. Department of Agriculture to obtain resources to enhance the College's facilities, including the recent addition to and renovation of the College's primary athletic facility. The College is posting the following notice as required by federal law by organizations which benefit from the USDA's funding program.

NOTICE

If you wish to file a Civil Rights program complaint of discrimination, complete the USDA Program Discrimination Complaint Form, found online at http://www.ascr.usda.gov/complaint_filing_cust.html, or at any USDA office, or call (866) 632-9992 to request the form. You may also write a letter containing all of the information requested in the form. Send your completed complaint form or letter to us by mail at U.S. Department of Agriculture, Director, Office of Adjudication, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410, by fax (202) 690-7442 or email at program.intake@usda.gov.

Admissions

Undergraduate Admission Requirements

Bridgewater College welcomes applications from first-time freshmen, transfer, and graduate students. Admission to Bridgewater College is granted to those applicants who present evidence of the ability to succeed in the academic and social atmosphere that the College expects.

Undergraduate Admissions

Bridgewater College welcomes all applicants with a high school education or previous college experience. First-time freshmen and transfer students may apply for admission as an undergraduate student.

First-Year Freshmen Admission

Students currently enrolled in a secondary school or has completed a secondary school program but, has not yet enrolled in a post-secondary school must apply for admission as a freshman. Students may choose to apply through the College's website or add the College to their Common Application.

Early Action:

The Early Action (EA) deadline is November 15. If an applicant wants to apply EA, they need to indicate their intent on their admission application.

Applying Early Action means an applicant will submit the following required documents by November 15:

- Admission application (Common App or Bridgewater College App)
- Official high school transcript
- SAT or ACT scores if they are not applying test optional.

If an applicant submits the required documents by November 15 and the applicant is admissible, this guarantees the following will happen by December 1.

- The applicant will receive their admission decision letter, which will include their merit award amount.

Admitted EA applicants have a deadline of May 1 to pay their reservation deposit.

If an applicant does not submit all the required documents by the November 15, their application will then be reviewed under the Rolling Admission Process.

Rolling Admissions Process:

If a first-time freshmen applicant does not apply Early Action, their admission application will be reviewed under the rolling admissions process. Completed applications are reviewed daily throughout the recruitment cycle. Admitted applicants will receive their admission decision letter, which will include their merit award amount, within two weeks of the date their admission application is completed.

Test-Optional:

If first-time freshmen applicants feel their grades and overall performance in the classroom are better indicators of their ability than their SAT or ACT scores, or if they have been unable to schedule a test date prior to applying to BC, they may apply for admission as test optional. If an applicant wants to apply as test-optional, they need to indicate their intent on their admission application or contact the admissions office in writing asking for their application to reflect this change.

First-Year Freshmen Admission Requirements:

The program of courses completed in high school should include the following credits: four in English; two in one world language; three in college preparatory mathematics, to include algebra, geometry and algebra II; three in social studies and history; three in sciences to include a lab unit(s); and four in suitable electives. While the electives may be in vocational or non-academic subjects, it is recommended that they be in academic subjects such as English, science, mathematics and social studies. Applicants from Virginia high schools are encouraged to take a program leading to the Advanced Studies Diploma.

Based on the applicants pass history they may be asked to submit reference letters that testify to evidence of their personal integrity, honesty, and ethics.

In addition to submitting an application, all applicants must submit an **official high school or secondary school transcript**—The transcript should include the high school grade point average (GPA) on a 4.0.

If the applicant did not apply test-optional they must provide their **standardized test scores (SAT or ACT). Applicants may submit their standardized test scores through one of the following:**

- the official testing center using the Colleges code - SAT 5069 and ACT 4342,
- self-reported on their admission application,
- send a pdf copy of their student report page,
- request their secondary school to submit their scores.

During the application review process an applicant may be asked to submit additional semester grades and/or a set of standardized test scores.

Applicants may also consider submitting the following materials as support items for their application:

1. **Written letters of recommendation**—Students may submit written letters of recommendation from the following parties: guidance counselor, high school teachers, athletic coaches and community members that personally know the applicant.
2. **Personal statement**—A brief personal statement providing additional information may be submitted. We are interested in knowing important things about the applicant that do not appear on transcripts or are not reflected by GPA or standardized test scores.

Admission applications will be received and processed until the College's posted last day to drop and add classes for the semester if space in the entering class is available.

Reservation Deposits:

Students who have been accepted for admission must confirm their intention to enroll by submitting a $300 reservation deposit. The reservation deposit is applied to the entering semester charges for the upcoming year.

Fall Semester: The deposit is refundable if requested in writing before May 1.

Spring Semester: The deposit is refundable if requested in writing before December 21.

Finalizing Enrollment:

Final admission is dependent upon satisfactory completion of your semester program of studies. Deposited applicants must submit an official copy of their final high school transcript which must include the date in which the deposited applicant completed their programs of studies.

If the deposited applicant chose to provide self-reported standardized test scores, they must submit an official report as outlined above.

If the deposited applicant was enrolled in dual enrollment courses, they must submit official transcripts from each post-secondary institution they were enrolled in.

If the deposited applicant took any AP or IB courses and corresponding test their test scores need to be submitted to the College through the test source.

Final acceptance to the College is contingent upon maintaining a satisfactory conduct record. Applicants must promptly notify the admissions office in writing if any of the following occur at any time before or after your admission: any criminal charge; any disposition of a

criminal charge; any school, college or university disciplinary or honor code action against you; or any type of military discharge other than an honorable discharge. Failure to do so will be grounds to withdraw your admission or to dismiss you after enrollment.

Deferring Enrollment

First-time freshmen that have been admitted into the College can request to defer their admission decision for one semester "gap semester" (Fall to Spring) or for one full academic year "gap year" (Fall to Fall).

First-time Freshman Not Enrolling in a Post-Secondary Institution

If the first-time freshman applicant is requesting to defer their admission and does not plan to enroll in a postsecondary institution, the applicant's status will remain a first-time freshman.

- If the first-time freshmen applicant requests a "gap semester" and will not be enrolling in any postsecondary institution, the applicant will retain their current merit scholarship, other institutional awards, and their admitted admission decision status.
    - Any institutional awards will be divided by two (2) since the student will be charged half of a total year's tuition and residential fees.
- If the first-time freshmen applicant requests a "gap year" and will not be enrolling in any postsecondary institution, the applicant will retain their current merit scholarship, other institutional awards, and their admitted admission decision status.

First-time Freshman Enrolling in a Post-Secondary Institution

If the first-time freshmen applicant is requesting to defer their admission to enroll in a postsecondary institution, the applicant's status will change from first-time freshmen to transfer student. For the purposes of determining whether credits taken during the "gap semester" or "gap year" may be counted among the credits required to graduate from Bridgewater College, our Transfer Credit Policy will apply.

- If the first-time applicant requests a "gap semester" and earns less than eleven (11) credits, they will retain the merit scholarship and institutional awards. These amounts will be divided by two (2) since the applicant will be charged half of a total year's tuition and residential fees.
- If the first-time applicant requests a "gap semester" and earns more than eleven (11) credits, they will retain the merit scholarship and institutional awards. These amounts will be divided by two (2) since the applicant will be charged half of a total year's tuition and residential fees.
- If the first-time applicant requests a "gap year" and earns less than eleven (11) credits, they will retain the merit scholarship and institutional awards.
- If the first-time applicant requests a "gap year" and earns more than eleven (11) credits, they will be awarded a Transfer Merit Scholarship based on the cumulative grade point average of their postsecondary courses.

Specific Student Instructions

To defer enrollment the applicant must take the following actions:

- Submit the $300 Reservation Deposit by the deadline stated in your admission letter.
- Email the Office of Admissions at admissions@bridewater.edu to make a formal request to defer your enrollment. The request must:
    - Contain your Legal First Name and Legal Last Name
    - Identify the start term you would like to defer your admission to
    - Clearly outline what your intentions are during the deferment period.
- All requests to defer enrollment must be received before the first day of classes of the semester you were admitted into.
- After the College's posted Last Day to Add a Class deferred applicants will receive an email communication with instructions to review, update and submit their deferred application.

International Student Admissions Policy

Bridgewater College aims to enroll a diverse student population that is academic prepared to perform at a high level. The following policy outlines the steps necessary for an international student applicant. An international student is defined as a person that requires the College is issue an I20 to enter the United State to study or currently is studying in the United States and will transfer their visa to the College.

Admission Application Requirement

An international student can submit an admission application through the College's official website or by adding the College to their Common App. The deadline to apply and submit the required supporting documents for the fall semester is April 17 and December 1 for the spring semester.

Required Supporting Documents

All applicants must provide an official copy of their secondary school transcript, country specific exam/test results and English language proficiency test results. An international application may not apply test-optional, nor may they self-reported English language proficiency test scores on their admission application.

Official Secondary Transcripts

All non-U.S. institutional transcripts must be submitted for an academic credential evaluation to obtain equivalency information regarding courses, credits, grades, and degrees earned through the World Education Services (WES). For first-year applicants, a general or document-by-document report is sufficient and must include GPA. It is the responsibility of the applicant to make arrangements for the evaluation. An official copy of the completed evaluation should be sent directly from the company to the College.

English Language Proficiency Test

Applicants who first language is not English or have not attended an English-speaking institution must submit an English language proficiency test score report. The test score report must be sent from the test company and must be from one of the following exams:

- TOEFL – Test of English as a Foreign Language (79 iBT or 550 paper-based)
- IELTS – Intensive English Language Testing System (6.5 academic)
- Duolingo English Test (105)
- SAT or ACT — If you are a native English speaker or have studied in an English-speaking secondary school, you should submit SAT or ACT scores instead of or in addition to English proficiency scores.

Admitted Student Documents

Before being issued an I20 each admitted applicant must submit the required admitted student documents (completed Certificate of Finance COF, official bank statement and certified letter from the bank) showing proof of adequate liquid assets equal to or exceeding the resources needed from the student and parents' line on their Certificate of Finance, a copy of their passport and their permanent foreign address.

Liquid assets are defined as a checking account, savings account, money market accounts, marketable securities, short-term bonds, or accounts receivable.

Certificate of Finance (COF)

Each admitted applicant will receive a personalized Certificate of Finance (COF) which outlines their costs of attendance, institutional aid they've been awarded, and the necessary financial resources needed to attend the College. The applicant must fill out the COF completely. Once the COF is completed, it along with an official bank statement, and certified letter from the bank from each person/funds source listed on the COF.

Official Bank Statement

An official bank statement must be provided for each person/fund source listed on the applicants completed COF. Statements must be sent directly from the bank and include the person/fund source full name, and the past four months of transactions.

Certified Letter from Bank

A certified letter from the bank for each person/fund source listed on the applicants completed COF must be provided. All certified letters must be sent directly from a bank official. The certified letter must include the following:

- The account holder's full name
- The account holder's relationship to the applicant
- An average account balance

Passport

Admitted applicants must provide a copy of their passport.

Permanent Foreign Address

If the admitted applicant provided a temporary address on their admission application, they must provide their permanent foreign mailing address.

Review of Admitted Student Documents

Once the applicant submits their admitted student documents they will be reviewed for authenticity and validity.

During the review the admitted student documents could be accepted or denied. If the documents are denied because of authenticity the applicant will be notified in writing and their application will be withdrawn. If the documents are denied because they fail to show adequate liquid assets needed to fulfill the student and parents' resources line on their COF, the applicant will have the option to secure additional person(s)/fund sources. In which case they will need to provide an updated COF, official bank statement and certified letter from the bank of the additional person(s)/fund sources.

Once the admitted student documents are approved, they applicant will be notified in writing of the approval and be directed to pay their reservation deposit. Once their reservation deposit is received and receipted to their student account the College will then issue the student their I20.

Reservation Deposits:

Students who have been accepted for admission must confirm their intention to enroll by submitting a $300 reservation deposit. The reservation deposit is applied to the entering semester charges for the upcoming year.

Fall Semester: The deposit is refundable if requested in writing before May 1.

Finalizing Enrollment

Once the applicant has paid their reservation deposit and received their I20 they must complete the items listed on their Deposited Student Checklist. If the applicant has not made substantial progress completing the checklist items or had not had frequent communications with the Admissions Office by August 1, their application may be withdrawn, and their reservation deposit will not be refunded.

Final Secondary School Transcript

Every deposited applicant is required to submit an official copy of their final secondary school transcript. The transcript should include the date the applicant completed their courses of study, the courses they were enrolled in and the final grade they earned in each class while attending the post-secondary institution.

I-901 SEVIS Fee

All deposited international applicants must pay the I-901 SEVIS fee prior to their visa appointment.

Visa Appointment

A deposited applicant must schedule a visa appointment in their home country to get approved to travel to the U.S. Once the applicant has scheduled their appointment, we ask that they communicate that date with the Admissions Office. It is in the student's best interest to schedule their appointment before August 1.

Visa Fee

TBD

Arrival information

International students must arrive in Virginia by the designated day. Typically, this day is two days before domestic first-year freshmen move-in day. Once the applicant finalizes their travel plans, they must notify the College of their arrival day, time, and location. The College will arrange transportation from Dulles International Airport and Charlottesville Albemarle Air to campus.

Denied Visa

If an applicant is denied their visa they can schedule a new Visa appointment, have their application withdrawn and reservation deposit refunded or defer their admission to a future term. To defer their application, they must first have a re-scheduled vias appointment.

Transfer Students

Transfer Student Admission

Students who have graduated from secondary institution or have earned their GED and have attended a regionally accredited two- or four- year college must apply as a transfer student for admission to Bridgewater College. Student must submit a transfer application through the College's website.

Rolling Admissions Process:

If a first-time freshmen applicant does not apply Early Action, their admission application will be reviewed under the rolling admissions process. Completed applications are reviewed daily throughout the recruitment cycle. Admitted applicants will receive their admission decision letter, which will include their merit award amount, within two weeks of the date their admission application is completed.

Transfer Admission Requirements:

Transfer students applying for admission must have a cumulative grade point average of 2.2 or above on all post-secondary course work and be in good standing at the college they are attending. A maximum of 68 credit hours will be accepted from a two-year college.

During the application review process an applicant may be asked to submit additional semester grades and/or enroll and successfully complete certain courses.

Based on the applicants pass history they may be asked to submit reference letters that testify to evidence of their personal integrity, honesty, and ethics.

In addition to submitting an application, all applicants must submit the following materials:

- Official final high school transcript with graduation date. The transcript should include the high school grade point average (GPA) on a 4.0.
- Official transcript from each post-secondary institution attended.

Transcripts will be evaluated by the registrar on a course-by-course basis. Only work comparable to that offered at Bridgewater College in level, nature and discipline will be accepted for degree credit. Credit will be awarded only for those courses in which a grade of C or above has been earned. Bridgewater offers competitive scholarships and grants for transfer students. Please contact the financial aid office for more information.

Bridgewater College recognizes the need to facilitate the transfer of students from the Virginia Community College system and other accredited 2-year colleges and universities. Students completing a transfer-oriented degree such as the Associate of Arts and Sciences (AA&S), Associate of Science (AS), and Associate of Arts (AA) will

be exempt from all Foundations in the Liberal Arts (FILA) general education requirements except for FILA-350EW FILA Integration Seminar (3 credits) and FILA-450 Personal Development Portfolio (1 credit). To be eligible for this exemption, the transfer-oriented degree must be earned prior to enrolling at Bridgewater College.

Bridgewater College will accept courses for which grades of C or above are earned from the transfer-oriented degree program. Coursework comparable to that offered at Bridgewater College will be accepted for degree credit.

No distinction will be made by Bridgewater College regarding college courses applicable to the transfer-oriented associate degrees that are completed through dual enrollment arrangements with high schools. First-year students earning an approved associate degree will be exempt from all FILA general education requirements except for FILA-150 FILA Seminar (3 credits) and FILA-450 Personal Development Portfolio.

Bridgewater College currently has Guaranteed Admission Agreements with several colleges, which may be viewed at: https://www.bridgewater.edu/legal/consumer-information/articulation-agreement/.

Reservation Deposit

Students who have been accepted for admission must confirm their intention to enroll by making a $300 reservation deposit. The reservation deposit is applied to the entering semester charges for the upcoming year.

Fall Semester: The deposit is refundable if requested in writing before May 1.

Spring Semester: The deposit is refundable if requested in writing before December 21.

Finalizing Enrollment:

Final admission is dependent upon satisfactory completion of your semester program of studies. Deposited applicants must submit an official copy of their final semester transcript from each post-secondary institution they have attended. If they are have earned a transfer-orientated Associate degree (AA,AA&S, AS) they must submit a final transcript that shows their degree and graduation date.

Final acceptance to the College is contingent upon maintaining a satisfactory conduct record. Applicants must promptly notify the admissions office in writing if any of the following occur at any time before or after your admission: any criminal charge; any disposition of a criminal charge; any school, college or university disciplinary or honor code action against you; or any type of military discharge other than an honorable discharge. Failure to do so will be grounds to withdraw your admission or to dismiss you after enrollment.

International Student Admissions Policy

Bridgewater College aims to enroll a diverse student population that is academic prepared to perform at a high level. An international student is defined as a person that requires the College to issue an I20 to enter the United State to study or currently is studying in the United States and will transfer their visa to the College.

Admission Application Requirement

A transfer international student can submit an admission application through the College's official website The deadline to apply and submit the required supporting documents for the fall semester is April 17 and December 1 for the spring semester.

Required Supporting Documents

All applicants must provide official copies of their secondary school transcripts, post-secondary transcripts from each institution they have attended, and English language proficiency test results.

Official Secondary Transcripts

All non-U.S. institutional transcripts must be submitted for an academic credential evaluation to obtain equivalency information regarding courses, credits, grades, and degrees earned through the World Education Services (WES). A general or document-by-document report is sufficient and must include GPA. It is the responsibility of the applicant to make arrangements for the evaluation. An official copy of the completed evaluation should be sent directly from the company to the College.

English Language Proficiency Test

Applicants who first language is not English or have not attended an English-speaking institution must submit an English language proficiency test score report. The test score report must be sent from the test company and must be from one of the following exams:

- TOEFL – Test of English as a Foreign Language (79 iBT or 550 paper-based)
- IELTS – Intensive English Language Testing System (6.5 academic)
- Duolingo English Test (105)
- SAT or ACT — If you are a native English speaker or have studied in an English-speaking secondary school, you should submit SAT or ACT scores instead of or in addition to English proficiency scores.

Admitted Student Documents

Before being issued an I20 or transferring their visa each admitted applicant must submit the required admitted student documents (completed Certificate of Finance COF, official bank statement and certified letter from the bank) showing proof of adequate liquid assets equal to or

exceeding the resources needed from the student and parents' line on their Certificate of Finance, a copy of their passport and their permanent foreign address.

Liquid assets are defined as a checking account, savings account, money market accounts, marketable securities, short-term bonds, or accounts receivable.

Certificate of Finance (COF)

Each admitted applicant will receive a personalized Certificate of Finance (COF) which outlines their costs of attendance, institutional aid they've been awarded, and the necessary financial resources needed to attend the College. The applicant must fill out the COF completely. Once the COF is completed, it along with an official bank statement, and certified letter from the bank from each person/funds source listed on the COF.

Official Bank Statement

An official bank statement must be provided for each person/fund source listed on the applicants completed COF. Statements must be sent directly from the bank and include the person/fund source full name, and the past four months of transactions.

Certified Letter from Bank

A certified letter from the bank for each person/fund source listed on the applicants completed COF must be provided. All certified letters must be sent directly from a bank official. The certified letter must include the following:

- The account holder's full name
- The account holder's relationship to the applicant
- An average account balance

Passport

Admitted applicants must provide a copy of their passport.

Permanent Foreign Address

If the admitted applicant provided a temporary address on their admission application, they must provide their permanent foreign mailing address.

Review of Admitted Student Documents

Once the applicant submits their admitted student documents they will be reviewed for authenticity and validity.

During the review the admitted student documents could be accepted or denied. If the documents are denied because of authenticity the applicant will be notified in writing and their application will be withdrawn. If the documents are denied because they fail to show adequate liquid assets needed to fulfill the student and parents' resources line on their COF, the applicant will have the option to secure additional person(s)/fund sources. In which case they will need to provide an updated COF, official bank statement and certified letter from the bank of the additional person(s)/fund sources.

Once the admitted student documents are approved, they applicant will be notified in writing of the approval and be directed to pay their reservation deposit. Once their reservation deposit is received and receipted to their student account the College will then issue the student their I20.

Reservation Deposits:

Students who have been accepted for admission must confirm their intention to enroll by submitting a $300 reservation deposit. The reservation deposit is applied to the entering semester charges for the upcoming year.

Fall Semester: The deposit is refundable if requested in writing before May 1.

Finalizing Enrollment

Once the applicant has paid their reservation deposit and received their I20 they must complete the items listed on their Deposited Student Checklist. If the applicant has not made substantial progress completing the checklist items or had not had frequent communications with the Admissions Office by August 1, their application may be withdrawn, and their reservation deposit will not be refunded.

Final Secondary School Transcript

Every deposited applicant is required to submit an official copy of their final secondary school transcript. The transcript should include the date the applicant completed their courses of study, the courses they were enrolled in and the final grade they earned in each class while attending the post-secondary institution.

I-901 SEVIS Fee

All deposited international applicants must pay the I-901 SEVIS fee prior to their visa appointment.

Visa Appointment

A deposited applicant must schedule a visa appointment in their home country to get approved to travel to the U.S. Once the applicant has scheduled their appointment, we ask that they communicate that date with the Admissions Office. It is in the student's best interest to schedule their appointment before August 1.

Visa Fee

TBD

Arrival information

International students must arrive in Virginia by the designated day. Typically, this day is two days before domestic first-year freshmen move-in day. Once the applicant finalizes their travel plans, they must notify the College of their arrival day, time, and location. The College will arrange transportation from Dulles International Airport and Charlottesville Albemarle Air to campus.

Denied Visa

If an applicant is denied their visa they can schedule a new Visa appointment, have their application withdrawn and reservation deposit refunded or defer their admission to a future term. To defer their application, they must first have a re-scheduled visa appointment.

Graduate Students

Graduate Admissions Requirements

In addition to all other program-specific requirements, minimal requirements for admission include:

Graduate Application—A complete online graduate application. Graduate programs may have their own deadline for applications. See program-specific information for those deadlines. For programs with rolling admission, applications will be considered as they are submitted and a program may be filled prior to the semester or term it begins.

Graduate Application Fee—Nonrefundable application fee of $50.

Minimum Undergraduate GPA—Minimum undergraduate GPA of 2.7 on a 4.0 scale.

References—Three references as specified by the intended program of study.

Application Essay—An essay of personal statement describing educational objectives and professional interests.

Official Sealed Transcript of All Undergraduate and Graduate Course Work— An official final transcript showing bachelor's degree conferred along with official transcripts from all regionally accredited institutions of higher education attended. NOTE: Due to admissions deadlines, graduate students are sometimes admitted before conferral of a bachelor's degree. Students who are awaiting their undergraduate degree will be permitted to register for their first semester (or term for programs starting in the summer) of classes. However, the degree-conferral date must be prior to the beginning of the graduate program. Continuation in any graduate program requires an official transcript which verifies conferral of a bachelor's degree. Students enrolled in classes who have not submitted the required proof of degree will have a hold placed on their record. This hold, which will prevent final registration, will not be released until the proper documentation has been submitted. An exception occurs when a student is enrolled in an accelerated bachelor to master program where the student is taking both master- and bachelor-degree courses during the fourth year.

Coursework Completion—Completion of all deficient coursework required for admission into the graduate program, including but not limited to, prerequisite and degree-specific requirements.

Additional Program-Specific Requirements—Other materials specified by the program, including specific exam scores from graduate admission exams (such as GRE or GMAT), departmental forms, portfolios, interviews, on-site and/or phone interview, etc.

English Language Proficiency—An applicant whose first language is not English and/or does not have a degree from an institution where English is the primary language of instruction is required to demonstrate English language proficiency by submitting a score from the Test of English as a Foreign Language (TOEFL) or International English Language Testing System (IELTS) taken within the last two years. The minimum score required to display English language proficiency for admission to a graduate program is TOEFL: 89 iBT or 573 PBT or an IELTS score of 6.5. Currently enrolled Bridgewater College students are exempt from this requirement.

Additional Requirements for International Students—In addition to the aforementioned items, international students should go to the International Student Admission section for further requirements.

Graduate Admissions Classifications

Unconditional—the applicant has met all college and program requirements for admission to a graduate program.

Conditional—the applicant's admission materials are missing one or more areas required by the college or program e.g. reference letter, official test scores. A student will be admitted without condition upon providing all deficient information. Students electing to enter the bachelor to master accelerated program and meeting all admission criteria except for the completion of the bachelor degree will be admitted to the master program under conditional classification while completing the bachelor program.

Provisional—the applicant is admitted to the graduate program under some described provisional status. These applicants have not met all of the specific program requirements for the graduate program to which they are

applying. The student must perform to a level that warrants removal of provisional admission status within the timeframe defined by the program.

Denial—the applicant is not admitted to the college for graduate studies.

International Student Admissions: Graduates from Bridgewater College or Other Regionally Accredited U.S. Institutions

International students should submit the following documents in addition to the required graduate admission application and items outlined in the Graduate Admission Requirement.

1. Certified bank statement verifying financial support for one academic year
2. An applicant whose first language is not English and/or does not have a degree from an institution where English is the primary language of instruction is required to demonstrate English language proficiency by submitting a score from the Test of English as a Foreign Language (TOEFL) or International English Language Testing System (IELTS) taken within the last two years. English language proficiency results with the following minimum scores: TOEFL of 573 (PBT), 89 (internet-based) or IELTS 6.5. No category— reading, listening, speaking or writing—can be below 22 in the iBT.
3. Photocopy of front page (photo page) of passport

An I-20 will be issued after verification of financial support for one academic year is provided and applicant is unconditionally admitted into the program.

International Student Admissions: Graduates from Non-U.S. Institutions

International applicants from non-U.S. institutions should submit the following documents in addition to the required graduate admission application and items outlined in the Graduate Admission Requirements:

1. All applicants should submit a transcript during the application process. **Important Note:** Transcripts from non-U.S. institutions must also be submitted for an academic credential evaluation to obtain equivalency information regarding courses, credits, grades, and degrees earned. The review must be requested by the applicant and must be conducted by a NACES member organization. Each NACES member organization may have different requirements regarding document submission. A general or document-by-document report is sufficient and must include GPA. An official copy of the completed evaluation should be sent from the NACES member organization directly to Bridgewater College. For convenience we've listed a few companies who evaluate international credentials. A complete list of NACES qualified reviewers may be found at www.naces.org.
2. Certified bank statement verifying financial support for one academic year
3. An applicant whose first language is not English and/or does not have a degree from an institution where English is the primary language of instruction is required to demonstrate English language proficiency by submitting a score from the Test of English as a Foreign Language (TOEFL) or International English Language Testing System (IELTS) taken within the last two years. English language proficiency results with the following minimum scores: TOEFL of 573 (PBT), 89 (internet-based) or IELTS 6.5. No category— reading, listening, speaking or writing—can be below 22 in the iBT.
4. Photocopy of front page (photo page) of passport

An I-20 will be issued after verification of financial support for one academic year is provided and applicant is unconditionally admitted into the program.

Transfer Graduate Student Admissions

Bridgewater College will accept up to six semester hours of equivalent graduate work transferred from institutions credentialed by accredited institutions recognized by the U.S. Department of Education. International institution credits will be evaluated by the World Education Services evaluations process and the College's registrar.

Credit is allowed only for those courses within the previous five (5) years, in which a grade of C or better has been earned. Only credits are accepted in transfer; grades are not transferred and do not affect the student's cumulative grade point average. Credit from institutions on a system other than the semester hour system is converted to semester hours. Students receive no more, and may receive fewer, than the number of credits earned at the host institutions. The student is responsible for supplying official descriptions of courses and any other supporting information such as course syllabi as requested to determine course transferability.

Transcripts will be evaluated by the registrar on a course-by-course basis. Only work comparable to that offered at Bridgewater College in level, nature and discipline will be accepted for degree credit. Official transcripts must be submitted.

Policies governing transfer credit may vary by graduate program and in some cases be far more delimiting than general institutional requirements. All program-specific information is detailed in subsequent sections.

Graduate Student Deposit

Students who have been accepted for admission must confirm their intention to enroll by making a $300 reservation deposit. The reservation deposit is applied to the entering semester charges for the upcoming year.

Summer Term—The deposit is refundable if requested in writing before February 1. Students admitted after February 1 must make a deposit within 10 days of admission.

Fall Semester—The deposit is refundable if requested in writing before May 1. Students admitted after May 1 must make a deposit within 10 days of admission.

Spring Semester—The deposit is refundable if requested in writing before September 1. Students admitted after September 1 must make a deposit within 10 days of admission.

Enrolling students must present a written health report on a form supplied by the College. The form must be returned to the College before official registration can begin.

A reservation deposit is required for returning graduate students in March and serves to hold the student's place for the upcoming academic year. The deposit is nonrefundable.

New Student Orientation

Orientation for Undergraduate Students

Students who have been accepted to Bridgewater College and have paid their $300 deposit are eligible to attend orientation sessions. Orientation helps incoming students and their parents become familiar with the Bridgewater College community and emphasizes how to transition into college life. Led by faculty, staff and trained student leaders known as Soar Mentors, orientation provides information about academic programs, student services, housing options, student organizations, intercollegiate athletics, financial aid and campus events. Students also take placement tests in math and world language to help determine their course enrollment for the fall semester. Faculty advisors assist students with their registration questionnaire during orientation.

Two summer orientation sessions are offered to students, as well as a transfer orientation session.

Welcome Week for Undergraduate Students

Welcome Week takes place when new students arrive on campus in the fall and is the final piece of the orientation process. The week's events are designed to assist students in the transition to becoming successful Bridgewater College students. During Welcome Week, students complete the registration process; meet faculty, staff and upperclass students; and participate in many interactive activities specifically designed to aid in the transition to Bridgewater College.

Graduate Student Orientation

Graduate programs directly schedule orientation for their admitted students. Information regarding program-specific orientation will be communicated to the student from the graduate program. Graduate students are not expected to participate in the orientation program designed for undergraduate students.

Procedures For Readmission To The College

Request for Readmission. A student seeking readmission following a withdrawal from the College, whether the withdrawal was voluntary or required, including suspensions, must complete the online application for readmission and provide the materials described in the application. The Associate Provost will work with the appropriate College officials to determine the student's readiness to return to the College.

Request for Readmission Following Academic Withdrawal.

If a student seeking readmission withdrew from the College, whether voluntarily or as required, based on academic performance or academic misconduct, the Associate Provost will work with other College officials, as appropriate, to determine the student's readiness to return. After reviewing all relevant information and consulting with College officials as appropriate, the Associate Provost will make the determination of whether to grant or deny the request for readmission. The decision whether to grant or deny the request is made at the sole discretion of the Associate Provost or designee, and is final.

Request for Readmission Following Non-Academic Withdrawal.

If a student seeking readmission withdrew from the College, whether voluntarily or as required, for any reason other than academic performance or academic misconduct, including suspensions for disciplinary reasons, the Associate Provost will work with the Associate Vice President for Student Life ("Associate VP") or designee, who, in consultation with other College officials, as appropriate, will determine the student's readiness to return.

1. **Information for Readmission Determination.** The College reserves the right to require from a student seeking readmission sufficient information, documentation and evaluation, determined on a case-by-case basis, to demonstrate that the student

is qualified and ready to return to full-time academic work and campus life. Depending on the particular circumstances and reasons for the student's withdrawal, this may involve an on-campus interview with one or more College officials, an evaluation of the student's behavior and any relevant physical/mental conditions by an appropriate health professional selected by the Associate VP or designee, and/or submission of a written progress assessment from a treating health professional, indicating that: (a) the student is qualified and ready to resume the particular rigors and essential requirements of full-time academic work and campus life at the College, with or without reasonable accommodation; and (b) her/his treatment and care needs, if applicable, can be supported at the College. In cases where the College requires a written progress assessment from a treating health professional, the College will require a release from the student to permit appropriate College officials to discuss current treatment and follow-up needs with the treating health professional.

2. **Decision on Readmission.** In appropriate cases, as determined by the Associate VP or designee, the directors of Student Health Services and the Counseling Center will review the information and recommend to the Associate VP or designee approval (with or without conditions of treatment, education, counseling, or other) or denial of the request for readmission. The Associate VP or designee may review any health professional's written progress assessment and/or relevant health care records and consult with College health professionals and/or other College officials, as needed, to inform her/his decision making. The Associate VP or designee, after an individualized assessment based on current available information, will then act on the request for readmission. The Associate VP or designee will provide the student written notice of the Associate VP's or designee's decision. Decisions regarding readmission made pursuant to this paragraph are made at the sole discretion of the Associate VP or designee, and may be appealed as provided in the following paragraph of this policy.

3. **Appeal.** A student may appeal a decision by the Associate VP or designee made pursuant to the above paragraph of this policy to the Vice President for Student Life and Dean of Students ("Dean") or designee. A student who wishes to appeal must do so in a writing delivered to the Dean or designee within three (3) business days following receipt of the decision from the Associate VP or designee. The written appeal must state specifically why the student believes the decision is not warranted under the circumstances. The review by the Dean or designee shall be limited to whether proper College procedures were followed and whether the decision is supported by the record. After reviewing the written appeal and record, the Dean or designee may meet with the student and consult with the Associate VP or designee and/or other College officials before reaching a decision. The Dean or designee may: (a) affirm the decision; (b) modify the decision; (c) remand the matter back to the Associate VP or designee for further proceedings or consideration; or (d) reverse the decision. The Dean or designee will provide the student written notice of the Dean's or designee's decision. The decision of the Dean or designee is final.

Nondiscriminatory Application of Policy. The College will apply all College policies and associated procedures in a nondiscriminatory manner, in consultation with qualified professionals, as appropriate. Each determination is based on an individualized assessment of a student's situation, including observations of student conduct, actions and statements and their impact on others and the campus community, not on mere perceptions or speculations, and what is in the best interests of the student, the campus community and the College.

Advanced Placement

Credit and advanced placement may be awarded to students on the basis of results on the Advanced Placement Tests of the College Entrance Examination Board. A minimum score of 3 is required for credit consideration. Students may be asked to provide textbook and course materials for the respective departments to evaluate when making advanced placement decisions.

Advanced Placement Tests are available in a variety of academic disciplines offered at Bridgewater. Students interested in taking one or more of these tests for the purpose of obtaining credit and advanced placement at Bridgewater should confer with the secondary school principal during their junior year or earlier and with the College upon application for admission.

The College considers the results of the College Level Examination Program (CLEP) as a means of determining advanced placement for students who have not followed the traditional pattern of preparation.

International Baccalaureate Program Credits

Credit and advanced placement may be awarded to students on the basis of results on the International Baccalaureate (transcript of grades), but is subject in every instance to the recommendation of the academic department concerned and must be approved by the provost and vice president for academic affairs, in accordance with policies of the Council on Education. The student's records and transcript of grades will be evaluated with scores of 5, 6 or 7 on the Higher Level

Examinations. The International Baccalaureate Program is available in selected high schools in the United States and numerous foreign countries.

Cambridge International Program Credits

Credit and advanced placement may be awarded to students on the basis of results on the Cambridge International exams, but is subject in every instance to the recommendation of the academic department concerned and must be approved by the provost and vice president for academic affairs, in accordance with policies of the Council of Education. The student's records and transcript of grades will be evaluated with grades of A, B or C on the Cambridge International AS and A Level subject examinations.

Pearson Edexcel International Program Credits

Credit and advanced placement may be awarded to students on the basis of results on the Pearson Edexcel International exams, but is subject in every instance to the recommendation of the academic department concerned and must be approved by the executive vice president and provost, in accordance with policies of the Council on Education. The student's records and transcript of grades will be evaluated with grades of A, B or C on the Pearson Edexcel International AS and A Level subject examinations.

Summer Sessions

Bridgewater operates one eight-week and two four-week undergraduate summer sessions to enable students to accelerate completion of their degree requirements, to enable students who have fallen behind in their work to catch up in their programs, and to enable area teachers who need credits in academic and professional subjects for the renewal of their certificates to secure them. A student may enroll for a maximum of 4 credit hours in each of the four-week sessions and 8 total concurrent credit hours over the course of the eight-week session. To enroll for more than the maximum, a student must receive written permission from the appropriate dean. An integral part of the total college program, the summer sessions offer standard courses for undergraduate programs, most of which are taught in the regular sessions as well.

Additionally, 10-week courses for graduate programs are offered, some of which are only offered during the summer session(s).

Academics (Undergraduate)

The Liberal Arts

A liberal arts education is more than the broad skills and knowledge acquired from studying such areas as literature, history, philosophy and the arts. On a deeper level, a liberal arts education refers to the integration of knowledge across the disciplines, the development of critical thinking and communication skills, and the ability (and desire) to question, examine and understand issues and ideas with increasing clarity and depth.

At Bridgewater College, excellence in education is a commitment that unites the entire campus. It implies breadth, depth, distinction and discovery. We build breadth through the liberal arts foundation; depth through the student's academic major; and distinction through elective courses that are tailored to individual interests. The last of these, discovery, cannot be packaged, for it describes the spirit in which students and faculty come together.

That intangible mix of attitude and information can reshape the way students see themselves and the world around them. What happens in the classroom is basic to this transformative process, and at Bridgewater, the liberal arts curriculum is the beginning point.

At Bridgewater College, we emphasize these things not only for the love of learning, but to prepare students to positively shape the organizations and communities in which they live and work.

As part of their transformative liberal arts education at Bridgewater College, students will:

- demonstrate the skills of academic citizenship, including open listening, responsible perspective taking, public reasoning, and self-authorship;
- examine fundamental ethical choices;
- understand the impact of one's actions on the community and exercise civic responsibility as local, national and global citizens;
- learn the knowledge and skills essential for collegiate success in a first-year experience;
- develop and demonstrate an identity as learners and integrate their learning across disciplines and in residential, co-curricular, service, community and social experiences;
- develop a personalized educational program and analyze and document their experiences;
- be actively engaged in their learning through information technologies and learn information literacy and how to apply technology effectively in their respective disciplines and careers;
- connect their academic work to the wider world through community-based learning experiences such as internships, practical, fieldwork, student teaching, study abroad and multicultural programming experiences;
- read and write the English language with clarity, effectiveness and discernment;
- demonstrate effective oral communication skills;
- demonstrate competence in critical reading and critical reasoning;

- understand the diverse cultures that have composed the global community in both past and present and be able to excel in multicultural and international situations;
- learn and practice activities that promote healthy lives; and
- develop in-depth knowledge in a particular field.

Courses of Instruction

Based on the choice of major, BC students are part of one of Bridgewater College's three academic schools. The schools are structured to allow the student to make the most of the college experience—delving deeply into the program of study while also benefitting from the other departments in the school, where the student can explore other areas of interest and combine various classes and resources to meet their educational goals.

Although there is variation by department, first-year courses are generally numbered 100-199; sophomore courses 200-299; and junior and senior courses 300-499. Graduate courses are numbered 500-699. Course numbers and descriptions listed herein apply to the 2023-2024 academic year.

Each course title includes a department abbreviation and course number. In the case of courses that satisfy specific categories of general education, the following letter designations may appear just after the course number: "W" for "Writing Intensive," "E" for "Ethical Reasoning" and "X" for "Experiential Learning." Courses always offered as Honors Courses will have a letter designation of "H" just after the course number. For each course, there appears another number, indicating the number of semester credit hours granted for the course, and one or more letters indicating when the course is offered: "F" stands for "Fall Semester," "S" for "Spring Semester," "M" for "May Term," and "SU" for "Summer." The College reserves the right to alter the schedule of courses as circumstances dictate.

Except for internships, independent studies, research, honors projects, interdisciplinary studies and foundational general education courses, the courses of instruction are organized by academic school and by department. Opportunities for qualified students to engage in internships, independent studies, research and honors projects are available in each department.

To start exploring the majors/minors and programs offered at Bridgewater College, select the department below, or check out our interactive list of all majors/minors and programs.

Rhodes School of Arts and Humanities

- Department of Art
- Department of Communication Studies and Theatre
- Department of English
- Department of History and Political Science
- Department of Music
- Department of Philosophy and Religion
- Department of Sociology
- Department of World Languages and Cultures

Dean: Dr. Harriett Hayes

School of Natural Sciences

- Department of Biology and Environmental Science
- Department of Chemistry and Biochemistry
- Department of Mathematics and Computer Science
- Department of Engineering and Physics
- Department of Psychology

Dean: Dr. Phil Spickler

Nolen School of Business and Professional Studies

- Department of Economics and Business Administration
- Department of Health and Human Sciences
- Teacher Education Program

Dean: Dr. Barbara Long

The Foundations in Liberal Arts (FILA) Program

The Foundations in Liberal Arts (FILA) program for general education at Bridgewater College consists of four distinct areas of study: master core skills; engagement in a global society; engagement of ideas across the disciplines; and the integration of skills and ideas. The program consists of between 33-54 semester credit hours, depending on placement scores, courses taken and potential overlap between categories.

Degree Requirements

Bachelor of Arts or Bachelor of Science

1. Complete a minimum of 120 credit hours with a minimum of 45 credit hours chosen from junior- and senior-level courses.
2. Complete FILA general education requirements. (Students completing a transfer-oriented associate degree prior to transfer will be exempt from all FILA general education requirements except FILA-350EW and FILA-450.)
3. Complete course requirements for the major.
4. Earn a minimum cumulative GPA of 2.0 and a minimum GPA of 2.0 in courses required for the major.
5. Complete a minimum of 33 credit hours with 30 of the last 33 credit hours of academic work in residence at Bridgewater College or at a College-

approved study abroad program. In addition, complete at least 9 credit hours of the major at Bridgewater College.

It is the responsibility of the student to enroll in the appropriate courses to meet degree requirements.

Requirements in the Major Field

A departmental major consists of not less than 32 credit hours and not more than 54 credit hours, with no more than 48 credit hours within a specific academic discipline. Prerequisite and supporting courses are included in this total, with the exception of prerequisite courses to entry-level courses in the major. At least 9 credit hours of the major must be completed at Bridgewater.

During the sophomore year, a program of courses in the major department and related courses that make up the Plan of Major is developed for each student by the student and his or her academic advisor for the major. A copy of this plan must be approved by the registrar and filed in the office of the registrar. Any changes in the proposed plan of the major must likewise have the approval of both the student's advisor for the major and the registrar and be recorded in the office of the registrar.

Each student must earn at least a 2.0 grade point average in courses constituting the major. Suitable majors from which the student may choose are listed in this academic catalog.

Each student will designate a primary major in order to determine the degree received and establish a single primary academic advisor. A student who wishes to achieve a major in two fields must recognize the possibility that more than four academic years may be required to complete such a program. A student who pursues two major fields must complete the requirements for both programs. No more than two major fields will be denoted on a student's permanent academic record.

Requirements for an Academic Concentration

A concentration is a curricular design that offers the student an option to consolidate electives within a major and/or from the additional uncommitted electives that are a normal part of the undergraduate program in order to gain additional depth in the chosen field of study.

A concentration consists of at least 18 but no more than 24 credit hours. Courses taken as electives within a major may count towards both fulfilment of the major and fulfilment of the concentration. In order to be eligible for admission to a concentration, a student must have declared the major upon which the concentration is built. Other requirements, such as enrollment in a specific degree program, may also apply. All courses will be chosen from the list of courses approved for the program and in consultation with the student's academic advisor. A copy of the program must be approved by the registrar and filed in the office of the registrar.

To complete the requirements for the concentration, a student must earn at least a 2.0 in the credits comprising the concentration. The satisfactory completion of a concentration within a major will be noted on the student's official grade transcript. Students may complete no more than 2 concentrations. At least six credits of the concentration must be completed at Bridgewater.

Requirements for a Minor

A minor consists of not less than 18 and no more than 27 credit hours specified by the academic department or interdisciplinary program offering the minor. At least six credits of the minor must be completed at Bridgewater.

A program of courses comprising the minor is developed by the student and his or her academic advisor for the minor. A copy of the program must be approved by the Registrar and filed in the office of the Registrar. Any changes in the proposed plan of the minor must likewise have the approval of both the student's minor advisor and the Registrar, and these changes must be recorded in the office of the Registrar.

To complete the requirements for a minor, a student must earn at least a 2.0 GPA in the credits comprising the minor. The satisfactory completion of a minor will be noted on the student's official grade transcript. Students may complete no more than 2 minors.

Elective Courses

Elective courses should be selected with care to fulfill needs to enter graduate school, for licensure to teach or for other special purposes. Students interested in teaching in the public schools should read the requirements for teacher licensure and confer with the chair of the teacher education program no later than the end of the freshman year.

Academic Advising

Students are assigned a faculty advisor upon matriculation at the College. The primary responsibilities of the academic advisor are to develop a mentoring relationship with their students, to help students with course planning appropriate to their interests and needs, to assist students in connecting their overall educational plan to career and life goals, to encourage students to take advantage of campus opportunities and resources, and to nurture students' self reliance and independent decision making.

In addition to the individual academic advisor, the College also provides an Academic Advising Center which provides a variety of resources and programs for student development, especially for those who have not yet decided on a major. There are also many other

campus advising and counseling resources on campus, including the Academic Support Center, Health Services, the Counseling Center, the Center for Diversity Education and Advocacy, and the Center for Career Development.

Center for Engaged Learning

The Center is the administrative home for academic programs designed to facilitate and promote inter-and non-disciplinary student engagement. Student engagement is defined as enthusiastic, creative participation in practices that apply knowledge and skills to challenges. By finding connections between existing programs and developing new ones, the Center works to build opportunities for students to experience and appreciate the joys of a Bridgewater liberal arts education.

The Center facilitates the missions of the Foundations in the Liberal Arts (FILA) general education program, the FILA 150 First-year Seminar, the FILA 450 Senior Portfolio, the Flory Honors Program, the Center for Career Development, the Office of Study Abroad and International Student Services, the Office of Student Research, the Endowed Lectures program and the Office of Community Engagement.

In addition, the Center houses the Zane D. Showker Institute for Responsible Leadership, the Kline-Bowman Institute for Peace and Justice, the Wade Institute for Teaching and Learning and the Margaret Grattan Weaver Institute for Local History and Culture. These institutes, all backed by endowments, provide resources for programming designed to cultivate a culture of engaged learning.

Zane D. Showker Institute for Responsible Leadership

The Zane D. Showker Institute for Responsible Leadership offers opportunities for students to develop into outstanding leaders—on campus and in the "real world." Developing leadership involves honing skills in four major focus areas: academic, student life, research and community involvement. The myriad opportunities are linked by a common theme: ethical leadership. The College seeks to create leaders who will make the world a better place, taking what they've learned as undergraduates and implementing it as alumni.

Kline-Bowman Institute for Peace and Justice

The Kline-Bowman Institute for Peace and Justice advocates the study and understanding of peace and justice issues in communities ranging from the local to the global. The Institute brings guests to campus who are involved with the analysis, promotion and practice of peacebuilding around the world. It supports exciting course offerings in the realm of peace studies. It also encourages students to get involved in activities and organizations—both on and off campus, and both nearby and internationally—that deal with such themes as conflict resolution, nonviolence, interfaith dialogue and environmental sustainability.

Wade Institute for Teaching and Learning

The Wade Institute for Teaching and Learning develops and implements initiatives designed to improve faculty teaching and enhance student learning. The Wade Institute ensures that the college remains on the forefront of innovative pedagogy and the use of best practices in order to strengthen teaching and learning across all the disciplines. It also supports faculty peer mentoring, pedagogical development for faculty, and teaching and learning initiatives both in and out of the traditional classroom.

Margaret Grattan Weaver Institute for Regional Culture

The Margaret Grattan Weaver Institute for Regional Culture promotes both student and faculty research in regional culture. Its interdisciplinary focus empowers students and established scholars from a wide range of departments, programs and perspectives to study the broad canvas of life in the Shenandoah Valley.

Endowed Lectures

The endowed lecture program brings to Bridgewater College nationally renowned speakers and best-selling authors who address issues of the day and share their experiences with the campus and local community.

Student Research

The Director of Student Research promotes, facilitates and celebrates student academic research, including by managing the College's endowed summer research programs and by funding the presentation of original scholarship on and off campus.

Community Engagement

The Director of Community Engagement promotes community engagement through curricular and co-curricular initiatives, serves as a point of contact for students interested in community engagement and maintains partnerships with non-profit and service organizations in surrounding communities.

Study Abroad

Part of a Bridgewater College student's education is preparation for global citizenship and interaction. We live in a truly interconnected world, in which the development of global awareness and responsibility are vital for the future. The Office for Study Abroad works to provide numerous international study experiences for BC students who wish to learn through immersion in another culture, whether for a few weeks, a semester or even longer.

Study abroad programs provide an opportunity for first-hand knowledge of another culture and an opportunity to become an active participant in the challenging task of creating a climate of mutual respect and understanding among the nations of the world. Language requirements and additional grade point average requirements may apply to certain programs.

Students have the option to study abroad for a semester through a College-approved study abroad program at locations in Europe, Latin America, Africa and Asia.

To be eligible to participate in study abroad, unless the director of study abroad grants a written exception, a student must:

- have completed at least 30 credit hours of academic work at Bridgewater College;
- have status as a junior;
- intend to return to Bridgewater College to complete college work after the study abroad experience; and
- have at least a 2.75 cumulative grade point average.

All College-approved study abroad program credits are received on a Satisfactory/Unsatisfactory basis. However, a student may petition the associate provost to include all grades earned for honors and for cumulative GPA calculations.

Financial assistance from federal and state aid programs may be available for students participating in study abroad. The College establishes an annual limit on the availability of institutional funds to support study abroad programs and the amount of institutional assistance available will vary by program.

Additional institutional fees will apply. Although study abroad is generally a junior-year program, students may not always be able to receive institutional assistance from the College in the semester of the year of their choice. The Free Application for Federal Student Aid (FAFSA) determines the eligibility for need-based federal, state and institutional aid programs. Tuition Exchange and tuition remission benefits do not cover the costs of study abroad, May Term travel courses, or other off-campus or consortial programs.

The priority application date to the Office for Study Abroad is February 1 for fall and spring semesters. The Office for Study Abroad **must give** written approval.

While students are permitted to study abroad for a full academic year through a College-approved study abroad program, financial aid, if provided, is currently limited to one semester.

May Term Travel

Additional study abroad opportunities are available by participating in May Term travel courses. Bridgewater students have the opportunity to choose classes ranging from the study of marine ecology in the waters of the Atlantic to exploring the art and architecture of Spain.

May Term travel courses offer a study abroad experience in a few short weeks, giving students first-hand knowledge of another culture and inviting them to discover more about the world. Contact the registrar's office for a full course listing.

Flory Honors Program

The Flory Honors Program is for students who:

- have outstanding academic records and find excitement and stimulation in the learning process
- want to develop the skills for independent inquiry and research necessary for excelling in graduate and professional schools
- crave the opportunity to be creative and to develop the capacity to meet new challenges
- want to push the boundaries of knowledge and explore uncharted intellectual territory
- want to be part of a social and academic community of motivated learners

The Flory Honors Program is an honors program consisting of stimulating and interesting opportunities both inside and outside the classroom. In the curricular element of the program, students who matriculate as first-year students take a minimum of five honors designated courses, plus an honors project and the capstone seminar (IDS-470H: Senior Capstone Seminar), for seven courses total. First year students begin the program with an honors section of FILA-150 (FILA Seminar), the College's first-year seminar. Students must maintain a minimum GPA of 3.5.

Students who matriculate as transfer students complete the following requirements based on the number of credits transferred.

- Students who matriculate with at least 30 transfer credits must complete 6 honors designated 3 credit courses (including capstone and honors project) prior to graduation. A minimum GPA of 3.5 is required.
- Students who matriculate with at least 60 transfer credits must complete 4 honors designated 3 credit courses (including capstone and honors project) prior to graduation. A minimum GPA of 3.5 is required.

Incoming first-year and transfer students who have been offered admission into the College and present a strong record of academic achievement will be invited to join the Flory Honors program.

First-year students will need:

- A cumulative high school GPA of 3.8 or higher

- To display a strong academic curriculum
- An SAT score of 1270 or ACT score of 27 or higher
    - Applicants can apply test-optional and be considered for the Flory Honors program

Transfer students will need:

- A cumulative post-secondary GPA of 3.8 or higher
- At least 24 post-secondary credits

Current BC students with at least a 3.5 cumulative BC GPA may be nominated by a BC professor for membership.

Flory Honors Program Course Options

A variety of options are offered for completing the honors course requirements. The most common path is taking an honors section of an existing course offered for the general education, major or elective credit. Honors courses are different in that they provide greater opportunity for students to develop their capacities for creativity, independent learning and leadership.

In addition to honors designated courses, another possibility is completing an honors upgrade to a non-honors course. In an honors upgrade, students work closely with faculty to build an additional honors component to the course that expands upon the course material in creative and challenging ways.

Center for Career Development

The Center for Career Development is committed to assisting students as they explore how their academic and personal interests align and help them connect these interests to career aspirations. Staff members aim to empower students as emerging professionals and support their pursuit of meaningful careers by providing curated resources, diverse programming and connections to alumni and employer partners.

During a student's **freshman** year, students develop a greater sense of who they are, explore what they want from life, and how they can achieve success through a degree from Bridgewater College. Individual coaching and assessment tools are available to help in choosing majors that are right for them and for teaching how to use the resources toward career exploration.

As **sophomores**, students start to explore career and post-graduation goals and interests. The Center for Career Development can help guide this exploration through one-on-one appointments with our knowledgeable staff, professional development workshops, and other Career Center resources. This is an ideal time for students to begin developing the essential soft skills that will make them more competitive applicants for future jobs and internships.

As **juniors**, students begin taking advantage of experiential learning opportunities that will complement classroom theory and practice. Career Development staff members assist students in their search for jobs and internships that will define both academic and career choices. By junior year, it is important to that students have begun developing skills in the areas of communication, critical thinking, leadership, conflict management, creativity, problem-solving, and teamwork. Career Development staff can help identify campus involvement opportunities that provide avenues for building and demonstrating competencies in these areas. Students should develop a strong resume and cover letter, practice interview skills, and begin researching potential employers, graduate school programs, and entrance exam requirements in their areas of interest.

As **seniors**, students are making decisions about life after graduation, whether it's graduate school, the workforce or public service. Our professional development workshops help students learn skills necessary for successfully achieving their goals. Job searching, interviewing, resume writing and preparing for graduate school are just a few of the topics covered. The Center for Career Development provides networking opportunities that put seniors in touch with employers and alumni who can help them navigate a path toward success. Interactions with employers and alumni occur at Career Center programming such as Career Exploration Day, Career & Internship Fairs, mock interview events, recruiter visits and speaking engagements, and workshops. Career Development staff members are available to work with each student individually to ensure confidence, career readiness and a smooth transition to their life after Bridgewater.

Center for Career Development resources are found at: bridgewater.edu/career-development. There students can find a comprehensive overview of available resources as they explore and work toward attaining their career goals. The Center for Career Development's office is in the Forrer Learning Commons in the Academic Resource Suite, centrally located on the BC campus for easy access to staff and resources.

Educational Affiliations and Dual Degree Programs

Educational affiliations and dual degree programs allow students to take courses at Bridgewater and at another institution. Upon completion of the program or dual degree, students are granted a bachelor's degree from Bridgewater and another degree or certification from the second institution as it is specified in each separate agreement. Bridgewater offers the following opportunities:

- Clinical Laboratory Sciences with Sentara RMH and Augusta Health
- Veterinary Medicine with Virginia Tech

Pre-Professional Programs

Athletic Training (Department of Health and Human Sciences)

Students interested in pursuing a graduate program in athletic training should major in health and human sciences. Bridgewater College offers a Master of Science in Athletic Training that can be taken as a traditional post-graduate degree or there is a 3 + 2 program that can allow the student to graduate with an undergraduate and graduate degree in five years. Contact program director, Dr. Chase Hale, LAT, ATC for more information at chale@bridgewater.edu.

Dentistry (Department of Biology and Environmental Science)

Pre-dental students are advised to pursue acceptance to dental schools in their state of residence and to review the admission requirements at their preferred school as early as possible. Students wishing to become dentists should consult with the pre-health advisor in the Department of Biology as early as possible in their college careers.

Law (Department of History and Political Science)

Students from any major can attend law school. However, history, political science, or other programs of study that emphasize critical thinking, verbal skills and writing are the most common majors for law school applicants. Students interested in law school are encouraged to combine a pre-law concentration with their chosen major or choose the pre-law track in the political science major. Pre-law students work with the pre-law advisor in the history and political science department to pick classes relevant to their specific legal interests, prepare for the LSAT, use the Law School Admission Council's Credential Assembly Service, get letters of recommendation, write a personal statement and pick schools to which they might apply.

Medicine (Department of Biology and Environmental Science, Department of Chemistry and Biochemistry)
Medical school preparation should begin as early as possible in the undergraduate degree program. Students meet with the pre-medical advisor in the Department of Biology and Environmental Science or the Department of Chemistry to create a plan for achieving admission to the school of their choice. Numerous resources and opportunities are available through joining Bridgewater's Pre-Health Society. In addition to achieving an exceptional academic record, pre-medical students have a unique opportunity to obtain medical experience through completing their required service-learning hours at local hospitals and free clinics or through obtaining EMT certification and volunteering at a rescue squad.

Ministry (Department of Philosophy and Religion)

The minor in philosophy and religion will help prepare students for admission to a theological seminary to pursue a master of arts or a master of divinity degree.

Occupational Therapy (Department of Health and Human Sciences)

Occupational therapy (OT) students should pursue an undergraduate major of health and exercise science and talk to their advisor about courses that would best prepare them for master's level or doctoral level OT programs.

Additionally, articulation agreements exist with Mary Baldwin University that allow qualified students from Bridgewater College to be admitted into their occupational therapy programs. Contact the chair of the Department of Health and Human Sciences for more information.

Pharmacy (Department of Chemistry and Biochemistry)

Students interested in attending pharmacy school should meet with the chair of the Department of Chemistry. The chemistry department advises students with regard to courses that meet the requirements of most pharmacy schools and will work with each student to create a plan for their school of choice.

Physical Therapy (Department of Health and Human Sciences)

Students interested in physical therapy should pursue an undergraduate major of health and exercise science and talk to their advisor about courses that meet the requirements of most physical therapy schools.

Additionally, articulation agreements exist with Mary Baldwin University and Shenandoah University that allow qualified students from Bridgewater College to be admitted into their physical therapy programs. Contact the chair of the Department of Health and Human Sciences for more information.

Physician Assistant (Department of Health and Human Sciences)

Students interested in pursuing graduate school to become a physician assistant can attain that goal by majoring in any program. However, two majors, Biology or Health and Exercise Science embed prerequisite courses within their programs. Therefore, early consultation with faculty within those programs can assure you are prepared for the admissions process.

Veterinary Medicine (Department of Biology and Environmental Science)

Admission into veterinary school is highly competitive, and prospective students should consult with the pre-health advisor in the Department of Biology. Students may benefit from a dual degree program with Virginia Tech.

A student must complete all biology major and the general education requirements to apply in the junior year to Virginia Tech. If accepted, the student leaves Bridgewater after the third year for the first year of veterinary school at Virginia Tech. After satisfactory completion of the first year of vet school, the courses transfer back to Bridgewater, and the student can participate in May graduation and receive a B.S. in biology from Bridgewater.

Honors and Awards

Dean's List

At the end of each semester, the provost and executive vice president announces the Dean's List, which consists of the names of all students who have a semester GPA of 3.40 or above while completing a minimum of 12 semester credit hours with no grade below C. Also, no student with a grade of Incomplete will be included on the Dean's List. The Dean's List status is recorded on the student's academic transcript.

Graduation Honors

Latin Honors

Latin Honors are awarded to eligible students upon completing all graduation requirements. To be considered for Latin Honors, students must complete a minimum of 60 credits in residence at Bridgewater College and achieve the following cumulative grade point average (GPA) at Bridgewater College:

- *summa cum laude:* a minimum GPA of 3.9
- *magna cum laude:* a minimum GPA of 3.7
- *cum laude:* a minimum GPA of 3.4

The honors awarded are noted on each student's transcript and diploma. Predicted eligibility of Latin Honors is determined by April 15 prior to commencement; however, actual eligibility is based on final GPA at Bridgewater College.

Students may elect to conduct an Honors Project within a particular department (within or outside of their major). Juniors and seniors with a minimum GPA of 3.4 may make application and register for an Honors Project.

The Philomathes Society

The primary purpose of the Philomathes Society, Bridgewater's scholastic honor society, is to encourage scholarly effort and to honor students, faculty members and alumni who have achieved unusual distinction in the pursuit of knowledge. A student is eligible to be nominated for membership after completing a minimum of 30 credit hours at Bridgewater College with a high GPA and satisfactory grades for convocation attendance during the year prior to nomination, provided the student has not been suspended from the College for disciplinary reasons during the year prior to induction.

Alpha Chi

The Virginia Gamma Chapter of Alpha Chi, a national collegiate honor society, is organized to promote truth and character, to stimulate and recognize scholarly effort and to encourage critical and creative thinking that enables the exploration of new areas of knowledge. Junior and senior members of the Philomathes Society who have completed at least 30 credit hours at Bridgewater, possess a cumulative GPA of 3.40 or above, rank in the top 10 percent of their class and have attended the necessary number of convocations for the two previous semesters are eligible for election to membership in this society.

The Honor System and Code of Ethics & Honor Council

Ethics, honor and integrity are the fundamental principles at the core of the Bridgewater College experience. Our community can only flourish in an environment of trust and respect, and these notions of personal honor and academic integrity are the fundamentals of the Bridgewater Honor System. The Code of Honor prohibits cheating, stealing and lying in regard to academic matters, lying during Honor Council proceedings, and failing to report or confront known violators of the Code of Honor, and Bridgewater College's commitment to ethics, integrity and values is embodied in the Code of Ethics. Violation of these Codes demonstrates harm to the community, and an all-student Honor Council administers regulation of this Honor System. It is the goal of Bridgewater College's Honor Council to assist in the development of students' ethical and moral principles. See the Student Life section for more information on Bridgewater's Honor Council.

Honor Council

The Honor Council investigates and determines sanctions for violations of the Honor Code, which prohibits cheating, plagiarism and academic-related lying. Honor Council members are appointed by the student body president and serve, barring impeachment or resignation, from the time of their appointment until the end of their college career. Investigators, appointed by the Honor

Council chairperson, assist in the investigation of cases but do not determine guilt or innocence. Refer to *The Eagle* handbook for additional guidelines.

Registration, Grades and Academic Policies

Responsibility of Students

It is the responsibility of students to understand the academic standards of the College and the degree requirements of the program in which they are enrolled. Assistance in interpreting the requirements is available from advisors, deans, the registrar and the associate provost.

Registration

Students are expected to register in advance of the published registration dates to ensure their enrollment in preferred courses. In March, the office of the registrar produces course schedules for the next academic year, and returning students may register in courses for the upcoming fall and spring semesters and the May term. New freshmen and transfer students select courses during the spring and summer orientations. During the fall semester, students register and make changes to the upcoming spring semester and May Term.

Students are expected to confirm their enrollment and make necessary course changes in the period devoted to registration at the beginning of each semester. Failure to confirm enrollment at the proper time will result in the assessment of a late registration fee. The College accepts no responsibility for holding seats in courses or room reservations or providing living accommodations for students who fail to confirm their enrollment by the day designated for that purpose.

By permission of the student's advisor and the registrar, one may make adjustments in his or her program of studies during the drop/add period at the beginning of the semester. When a course is dropped after the drop/add period, and before the withdrawal deadline stated in the academic calendar, a grade of W will be shown on the permanent record. If the withdrawal occurs after the withdrawal deadline, a grade of F will be shown on the permanent record.

Class Attendance

Regular class attendance is expected of all students and attendance records are kept. Specific policies regarding the number of absences allowed in particular courses are determined by instructors; however, if a student is absent for an entire week without credible explanation or has what the instructor considers excessive absences overall (whether or not they are consecutive), he or she will be reported to the associate dean for academic affairs who will determine the circumstances of the absences and, after consulting with the instructor, make a recommendation as to whether the student should be permitted to continue in the course. If the student is not permitted to continue and the student is withdrawn prior to the withdrawal deadline stated in the academic calendar, a grade of W will be shown on the permanent record. If the withdrawal occurs after the withdrawal deadline, a grade of F will be shown on the permanent record.

If a student, through excessive absences or otherwise, demonstrates minimal academic motivation, or an attitude inconsistent with reasonable expectations of a member of an academic community, the student will be subject to administrative disciplinary review, which may result in suspension or expulsion.

Absences that occur because of College activities approved by the provost and vice president for academic affairs will be reported in advance to the registrar by the instructor or staff member sponsoring the activity, and the registrar will notify instructors of the students involved. The student is responsible for all work missed when absent from class. Students should discuss absences with their professors before the absence occurs. The faculty member's attendance policy determines the impact of absences on a student's grade in the course.

Classification of Students

A student who has earned 25 credits or less is classified a freshman; 26 to 59 credits, a sophomore; 60 to 89 credits a junior; and 90 credits or more, a senior. A student who is carrying fewer than 12 credits in a semester is classified as a part-time student.

The Basis of Credit

A credit is equivalent to one semester hour. A three-credit course meets 150 minutes per week for the semester. A two-hour or three-hour laboratory or studio per week for the semester receives one credit. Students are expected to complete a minimum of two hours of work outside of class for each semester hour of credit.

Grade Point Average and Grading System

A grade is assigned at mid-semester and at the end of the semester in each subject for which a student is officially registered. Only the grades assigned at the end of the semester are recorded on the permanent record. The following grading system is used:

Grade		Quality Points
A	Superior Achievement	4.0
A-		3.7
B+		3.3
B	Above Average Achievement	3.0
B-		2.7
C+		2.3

Grade		Quality Points
C	Average Achievement	2.0
C-		1.7
D+		1.3
D	Fair/Below Average Achievement	1.0
D-		0.7
F	Unsatisfactory Achievement	0.0

Grades of W, F, S and U receive no quality points.

The grade point average (GPA) is computed by dividing the quality points achieved by the number of credits attempted at Bridgewater College. All credits for which a student enrolls are counted as credits attempted except those credits for which a grade of W or S is received. A student may repeat course work in which he or she has received a grade of C-, D+, D, D-or F. In the case of repeated work, the highest grade is used in computing the student's GPA; however, both grades will remain on the student's permanent record.

Work accepted for transfer to Bridgewater College is recorded as credits earned. Credits attempted and quality points achieved are not transferred. Hence, a student's GPA, both cumulative and in the student's major, is only dependent upon work attempted at Bridgewater.

All College approved study abroad credits are received on a Satisfactory/Unsatisfactory basis. However, a student may petition the provost and vice president for academic affairs to include all grades earned for cumulative GPA calculations.

I—Incomplete Achievement

This grade may be given when a student has been unable to complete the course or has been absent from the final examination because of illness or an emergency situation that is beyond the student's control. The time and conditions for the removal of an I must be approved by the registrar when it is assigned, but the due date can be no later than the sixth week of the following semester. In determining the grade point average, credits with a grade of I are not counted as credits attempted.

W—Withdrawn

This grade indicates withdrawal from a course in which the student was officially registered. In order to receive it, the withdrawal must have the approval of the instructor of the course, the student's academic advisor and the registrar before the withdrawal deadline (refer to the academic calendar). A grade of W may be assigned from the last day of the initial drop/ add period until the last day of the 10th week of the full semester, the second week of May Term, during the third week of Summer Session 1 and 2, and the fifth week of Summer Session 3. Following these deadlines, the option of withdrawing will no longer be available. In determining the GPA, credits with a grade of W are not counted as credits attempted.

Course withdrawals count against completion rates for SAP calculations, which a student must maintain a 67% completion rate to be eligible for federal financial aid.

F—Unsatisfactory achievement (carries no credit)

S—Satisfactory achievement

U—Unsatisfactory achievement (carries no credit)

AUD—Audit (carries no credit)

For field internships and student teaching, grades of S or U are assigned. Courses carrying grades of S or U do not contribute to credits attempted or grade points achieved, nor do they figure in the GPA, but appropriate credits earned are credited to the student's permanent record.

For students wishing to audit a course, a grade of AUD is assigned. A grade of AUD does not contribute to credits attempted, credits earned or grade points achieved. The AUD grade does not figure in the GPA.

Grade Reports

Midterm and final semester grades are recorded, and a report is made electronically to each student.

Minimum Scholarship Standards

Every student who is permitted to enroll at Bridgewater College is expected to make continuous progress toward his or her educational objective. At the end of each semester a careful evaluation of the achievement of each student is made, and a student whose quality of performance is below the minimum scholarship standards as outlined below will either be placed on academic probation or academic suspension. The Council on Education is responsible for advising the provost and vice president for academic affairs of these standards and for hearing appeals concerning them.

The following minimum grade point standards apply:

1.4 End of the first semester

1.6 End of the freshman year

1.7 End of the third semester

1.8 End of the sophomore year

1.9 End of the fifth semester

2.0 End of the junior year

2.0 Senior year

While on academic probation, counseling by the deans and a student's portfolio or academic advisor may result in curtailment of co-curricular activities. The academic probation status is recorded on the student's academic transcript.

Academic Renewal Policy

Academic Renewal is a policy that allows first-year students who decide to change their major field of study, to either withdraw from up to two courses after the withdrawal deadline has passed in a current term, or to receive a retroactive W grade for up to two courses, taken during the first year, in which the students received a grade of D or F. Students may apply for Academic Renewal no later than the end of the fall semester of the sophomore year.

The policy is intended to serve the first-year student who, because of a change in major field of study (or change in direction in the case of students who have yet to declare a major), no longer needs the course or courses in question to fulfill graduation requirements. The policy does not apply to courses that are required for general education or other programs the student is still pursuing.

Upon completion of the application process (which begins in the office of the associate dean for academic affairs), a student would receive a W grade for the course or courses so designated. However, any student who utilizes the Academic Renewal Policy will not be eligible for the Dean's List that term, regardless of the resulting grade point average. Grades of F assigned by the Honor Council cannot be subject to this policy.

Overload Policy

Students are permitted to enroll in a maximum of 18 credit hours without paying an overload fee. Normally only students on the Dean's List may apply to the appropriate dean for permission to enroll in an overload (more than 18 credit hours including courses audited). Students who are permitted to enroll for an overload must pay the overload fee.

Transfer Credit Policy

A student wishing to transfer credits to Bridgewater College must complete the Permission to Take Courses for Transfer Credit Form, and submit it to the registrar for approval. Courses to be considered for transfer must be completed at a regionally accredited college or university. Transfer credit will be awarded for approved courses received on an official transcript in which the student earns a grade of C or higher. Transferred courses are recorded as credits earned and will not change a student's grade point average at Bridgewater College.

Graduate Programs

Graduate program information can be found in the Graduate section of this catalog.

Accelerated Bachelor to Master Degree Programs

Qualified Bridgewater College undergraduates can apply for the Bachelor to Master Accelerated Program once they have earned 70 credits. Admission is competitive and must be accompanied by a completed application packet submitted to the appropriate department housing the graduate program. In order to be considered for conditional admission, students must be on track to complete the bachelor degree no later than their fourth year and fulfill the pre-requisites for graduate program admission. Students in an accelerated degree program must fulfill all requirements for both the bachelor and master degree as outlined by the College and the specific program.

College Policies

Academic Grievance Policy

The College recognizes that problems will occasionally arise between students and faculty regarding academic issues, including disputes regarding grades awarded. This academic grievance policy is intended to address those concerns. The primary objective of the policy is to ensure that students have the opportunity to present grievances regarding actions of members of the faculty and that the College has a consistent process for resolving those grievances in a fair, confidential, and just manner.

Informal Resolution

The first step is for the student to attempt to resolve the grievance informally by discussing it with the faculty member. The discussion should take place within a reasonable time of the action of the faculty member with whom the student takes issue. If the matter is not resolved to the student's satisfaction at this level, the student should discuss the grievance with the faculty member's department chair within five (5) days of receiving the response from the faculty member. The department chair will meet with the student and, as appropriate, the faculty member, and reach a decision, which will be communicated to the student. Generally, no record will be maintained regarding a grievance resolved informally.

Formal Resolution

If the matter is not resolved to the student's satisfaction at this level, the student may request review by the appropriate dean by submitting a written statement to the dean within thirty (30) days of the action of the faculty

member with which the student takes issue. The statement should include an explanation of the problem and a description of the desired resolution. The dean will then meet with the student to discuss the grievance, and, as appropriate, the faculty member. After reviewing all relevant information, the dean will inform the student in writing of his/her decision regarding the grievance.

If the decision of the dean does not resolve the matter to the student's satisfaction, the student may request further review by submitting a statement of the problem in writing to the associate dean for academic affairs within five (5) days after the date of the dean's decision. The statement should include an explanation of the problem and a description of the desired resolution, along with a copy of the dean's decision. It is within the sole discretion of the associate dean whether to accept the student's request for review of the grievance. The decision of the associate dean is final.

Documentation of Grievances

Records related to grievances under this policy will be maintained by the office of the associate dean for academic affairs.

The full policy also is found in the student handbook, *The Eagle (.pdf)*.

Title IX

The following is a summary of the College's Sexual Misconduct Policy. The full policy is on the College's website at: https://www.bridgewater.edu/title-ix-resources/sexual-misconduct-policy/

Bridgewater College is committed to maintaining and strengthening an environment founded on civility and respect. Sexual misconduct, as defined by the Sexual Misconduct Policy, is antithetical to the values and standards of the College community, is incompatible with the safe, healthy environment that the College community expects and deserves, and will not be tolerated.

The College is committed to providing programs, activities, and an educational and work environment free from sex discrimination. The College is also committed to eliminating sexual misconduct, preventing its recurrence, and addressing its effects, and to fostering a community that promotes prompt reporting of sexual misconduct and timely and fair resolution of sexual misconduct complaints. In furtherance of these commitments, the Policy sets forth available resources, describes prohibited conduct, and establishes procedures for responding to reports of sexual misconduct.

The Policy applies to any allegation of sexual misconduct made by or against a student or an employee of the College or a third party, regardless of the sex, sexual orientation, sexual identity, gender, gender expression, or gender identity of any party, if the conduct giving rise to the Complaint is related to the College's United States academic, educational, athletic, or extracurricular programs or activities. In the case of allegations of sexual misconduct, unless otherwise stated, the Policy supersedes and applies in lieu of all other procedures and policies set forth in other College documents.

To report a possible violation of the College's Sexual Misconduct Policy, please contact one of the Title IX coordinators listed on the College website, a staff member from the Department of Student Life, or a member of the Campus Police and Safety department.

Harassment and Discrimination Grievance Procedure

The following is a summary of the Harassment and Discrimination Grievance Procedure. The full policy is in the student handbook, *The Eagle (.pdf)*.

This procedure is available for any student who believes that he or she has been harassed or discriminated against by any member of the College community. Allegations of sexual misconduct, including harassment and discrimination on the basis of sex, gender identity or expression, and sexual orientation, are addressed in a separate policy (see above).

Students are encouraged, but not required, to discuss their concerns directly with the person or persons involved, either in person or in writing. If a student is uncomfortable directly discussing the concern with the involved individual(s) or, after discussing it, believes that the concern is not adequately resolved, the student may utilize a more formal process.

A student may submit a formal grievance by written notification to the director of student conduct, if the act or omission giving rise to the grievance relates to conduct by a student(s), or the director of human resources if the act or omission giving rise to the grievance relates to conduct by a college employee(s). Once notified, the director of student conduct or the director of human resources, as the case may be, will seek to help the student resolve the complaint informally, if possible.

If an informal resolution is not accomplished, and the complaint relates to conduct by another student, the grievance will be resolved pursuant to the College's existing student disciplinary procedures, including any appeal process provided in those procedures.

If the complaint relates to conduct by an employee of the College, the director of human resources or designee will investigate the complaint and determine an appropriate resolution within a reasonable timeframe. The resolution will be communicated to the student who asserted the grievance and the person whose alleged conduct gave rise to the complaint. Disciplinary action imposed under

this policy may include a requirement not to repeat or continue the offending conduct, separation of the parties, attendance at relevant education programs, reprimand, reassignment, denial of pay increase, demotion, suspension, or termination of employment with the College. The decision of the director of human resources or designee is final and there is no appeal from the decision.

While all complaints are handled discreetly, the student bringing a complaint should understand that the College cannot guarantee confidentiality in the investigative and resolution process.

General Student Grievance Procedure

The following is a summary of the General Student Grievance Procedure. The full policy is in the student handbook, *The Eagle (.pdf)*.

It is the policy of Bridgewater College that students should have an accessible process to bring problems or complaints regarding the actions of a student, or a faculty or staff member, to the attention of the College for review and resolution. This general student grievance policy is intended to provide students with an opportunity to seek resolution for issues not covered by other policies.

Students are encouraged, but not required, to discuss their concerns directly with the person or persons involved, either in person or in writing. If a student is uncomfortable directly discussing the concern with the involved individual(s) or, after discussing it, believes that the concern is not adequately resolved, the student may utilize a more formal process.

A student may submit a formal grievance in writing within ten (10) business days after the act or omission giving rise to the grievance. If the act or omission giving rise to the grievance relates to conduct by a student, the grievance should be submitted to the director of student conduct. If the act or omission giving rise to the grievance relates to conduct by a faculty or staff member, the grievance should be submitted to the director of human resources. A grievance asserted regarding the conduct of a student will be resolved pursuant to the College's existing student disciplinary procedures. Following receipt of a written complaint, the appropriate reviewing authority or designee will conduct an investigation of the complaint and make a determination regarding the grievance and inform the parties involved.

While all grievances are handled discreetly, the student asserting a grievance should understand that the College cannot guarantee confidentiality in the investigative and resolution process.

Family Educational Rights and Privacy Act of 1974

The Family Educational Rights and Privacy Act of 1974 ("FERPA") governs the privacy of student education records maintained by Bridgewater College. FERPA provides students access to their education records while also protecting their right to privacy, by limiting the disclosure of records without the students' consent. The following is a summary of the College's FERPA policy and is intended to assist all members of the Bridgewater College community in understanding the provisions of FERPA as they apply to Bridgewater College. A complete and current statement of the College's FERPA policy may be found on the College's website at https://www.bridgewater.edu/legal/consumer-information/ferpa/.

Notification of FERPA Rights

FERPA affords eligible students certain rights with respect to their education records. An "eligible student" under FERPA is a student who is 18 years of age or older or who attends a postsecondary institution at any age. For purposes of the College's FERPA policy, a student is deemed to have "attended" Bridgewater College if he/she is currently, or was formerly, enrolled in a credit or non-credit class at the College. A student is enrolled in a class once he/she has registered for the class. These rights include:

1. The right to inspect and review the student's education records.
2. The right to request the amendment of the student's education records that the student believes is inaccurate, misleading or otherwise in violation of the student's privacy rights under FERPA.
3. The right to provide written consent before the College discloses personally identifiable information from the student's education records, except to the extent that FERPA or another statute or regulation authorizes disclosure without consent.
4. The right to file a complaint with the U.S. Department of Education concerning alleged failures by the College to comply with the requirements of FERPA. The name and address of the office that administers FERPA is:

Student Privacy Policy Office
U.S. Department of Education
400 Maryland Avenue, SW
Washington, DC 20202-8520

Disclosure without Consent

FERPA permits the disclosure of personally identifiable information from a student's education records, without consent of the student, if the disclosure meets certain conditions found in 34 C.F.R. § 99.31 of the FERPA regulations. Those conditions include, but are not limited to, the following:

- To other College officials who have a legitimate educational interest in the records. A College official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibilities for the College.
- To officials of another College to which the student seeks or intends to enroll, or in which the student is already enrolled.
- In connection with financial aid for which the student has applied or which the student has received.
- To parents of an eligible student if the student is a dependent as defined in section 152 of the Internal Revenue Code.
- To comply with a judicial order or lawfully issued subpoena.
- In connection with a health or safety emergency if the College determines that there is an articulable and significant threat to the health or safety of the student or other individual(s).
- Information the College has designated as "directory information" under 34 C.F.R. § 99.37 (see below).
- To parents of a student regarding the student's violation of any Federal, State, or local law, or of any rule or policy of the College, governing the use or possession of alcohol or a controlled substance if the College determines the student committed a disciplinary violation and the student is under the age of 21.

Directory Information

The College has designated the following categories of student information as "Directory Information." FERPA permits the disclosure of Directory Information at the College's discretion, without prior written consent of the student.

- Name
- Date and place of birth
- Previous educational institutions attended and degrees awarded
- Current enrollment status
- Dates of attendance
- Current classification (e.g., first year student; full-time/part-time)
- Major(s)/Minor(s)
- Degree(s) sought
- Expected date of completion of degree requirements and graduation
- Degree(s) earned and dates awarded
- Past and present participation in officially recognized sports, activities and organizations
- Scholarships, awards, honors and special recognitions (e.g., Dean's List)
- Height and weight of members of athletic teams
- Photographic and videotaped image

The College may disclose any of this information at its discretion, without prior consent, unless the student notifies the registrar in writing that the student does not wish to permit such disclosure. Requests for nondisclosure by the student are in effect from the date received in writing from the student until rescinded in writing by the student. A student should carefully consider the impact of a decision to withhold Directory Information. The College will not be permitted to provide the student's name or other information in news releases to the media (e.g., Dean's List), in campus event programs (e.g., award ceremonies, plays or musical performances), or to prospective employers. This includes verification of education/degrees earned at the College.

Students are encouraged to contact the College Registrar (Flory Hall, ext. 5313, email address (sphelps2@bridgewater.edu) with questions about the College's FERPA policy.

Forrer Learning Commons and Academic Support

Forrer Learning Commons

The Forrer Learning Commons offers more than 40 different areas designed for a community of studying, researching, creating, reflecting, designing, and sharing. The first floor's Morgridge Center for Collaborative Learning offers expert services in learning & research, information technology, tutoring, writing, and career development. Media-rich Macs and PCs support digital media creation while a nearby practice room is available for practicing job-interview skills or public presentations.

Special Collections provides the Bridgewater College community with primary sources and trains students in public history work. It preserves, interprets and makes accessible the historic record of Bridgewater College, the Church of the Brethren, and the Shenandoah Valley and includes the Reuel B. Pritchett Museum Collection.

Smitty's Café completes the Forrer Learning Commons with a special menu from Dining Services to support our student community.

Academic Support and Disability Services

The mission of Academic Support and Disability Services is to support students, parents, faculty, and staff in the engagement of the academic program and positively impact students' performance in the learning environment. Services include assessment, academic advising, time management training, organizational skills development, workshops, disability services, accommodations, and a testing center to assist students in

developing the skills necessary for college and graduate school.

Academic Coach Program
The Academic Coach Program guides, mentors, and coaches students in small group settings to develop and support their time management, organization, ongoing learning, and timely work completion for college success. Academic Coaches are peers who are trained, paid, and meet twice per week with a student. Students can sign up for Academic Coaching via the Penji app. The program's objectives are:

- Support students in their adult development by providing assistance in developing systems to organize and complete course assignments successfully
- Provide accountability for timely assignment completion

For questions about the Academic Coach Program, contact:
academiccoach@bridgewater.edu
Flory 1st floor; 540-828-5370

Disability Services

Bridgewater College is committed to upholding the rights of students under the Americans with Disabilities Act (ADA). The Office of Academic Support and Disability Services (ASDS) exists in part to assist students in this regard. The College provides reasonable and appropriate accommodations to enrolled students with a disability to ensure equal access to the academic programs and College-administered activities.

Determining the barriers a disability presents and ensuring appropriate accommodations are provided for the student involves engaging the student in an interactive process, reviewing any history of accommodation use, assessing the current impact of the disability, and reviewing any supporting documentation. It is the responsibility of the student with a disability to identify themselves before receiving services by contacting ASDS.

Questions or concerns about disability services should be directed to:
disabilityservices@bridgewater.edu
Flory 1st floor; 540-828-5611

Tutoring Services
Tutoring Services are free, group oriented, and led by students who have been recommended by teaching professors. Tutors are paid by the College and specialize in helping in specific classes. Any student may request a tutor. Following receipt of the request, the student will be assigned to a student success group led by a peer tutor. Tutoring requests are matched up with an email and then students need to schedule two one-hour blocks per week.

For tutoring services, contact:
John Manson
Director of Student Outreach and Tutoring Services
Learning Commons, 540-828-5324;
jmanson@bridgewater.edu

The Writing Center

The Writing Center offers in-person and online writing assistance to all students in classes across the curriculum. Trained peer tutors help with any stage of the writing process, from planning to proofreading. Student writers may schedule appointments via the Penji app or drop by during open hours on Sunday through Friday. Faculty members may refer students or classes to the Writing Center and are welcome to contact the Writing Center director to help facilitate that process.

Location: Forrer Learning Commons 125
Website: bridgewater.edu/writingcenter
Director: Ashley Lauro,
540-828-8030, alauro@bridgewater.edu

Student Life

Student Engagement

Student engagement opportunities offered at Bridgewater College enrich the students' learning outside of the classroom. Students are able to connect to other students and the college through activities that are of interest to them while gaining valuable leadership experience and learning valuable interpersonal skills.

Campus Recreation

Campus Recreation encourages Bridgewater College students, faculty and staff to live a dynamic and active lifestyle by providing opportunities to participate in intramurals, group fitness classes, individual fitness pursuits and a wide variety of engaging programs. A complete listing of programs, information, workout spaces and hours of operation is available on MyBC under Student Life/Campus Recreation.

Student Clubs and Organizations

The College has numerous social, cultural, religious and academic clubs and organizations. For a complete listing of clubs and organizations, please see the College's website.

Campus Engagement and Activity Team
Campus Engagement and Activity Team (CEAT) is Bridgewater's programming board that plans and implements weekly activities for students. The group provides students with entertaining and community-

orientated programs focused on traditions and athletic events, late night and daytime programs, and off-campus trips. Additionally, CEAT provides a unique experience for their crew members to be part of an influential and impactful community on campus while also developing personally and growing as leaders. For more information about CEAT, please visit the Department of Student Life.

Bridgewater College Student Association
The Bridgewater College Student Association (BCSA) is built on a foundation of student clubs with similar interests grouped into five committees: Civic Wellness and Service, BC Identities, Academic and Honor, Recreation and Leisure, and Campus Life. A representative from each of the 60 clubs on campus serves on the designated committee, and those committees meet once a month to discuss projects, issues and other topics as they arise. The BCSA Cabinet consisting of the student chair, student co-chair and a student representative from each of the five committees meets once a week with the BCSA advisors to discuss issues brought forward during committee meetings or concerns shared directly from members of the student body. During the academic year, the chair and co-chair lead monthly Town Hall meetings, which include representatives from each of the approximately 60 clubs on campus; those meetings are also open to all students.

Honor Council

The Honor Council investigates and determines sanctions for violations of the Honor Code, which prohibits cheating, plagiarism and academic-related lying. Honor Council members are appointed by the student body president and serve, barring impeachment or resignation, from the time of their appointment until the end of their college career. Investigators, appointed by the Honor Council chairperson, assist in the investigation of cases but do not determine guilt or innocence. Refer to *The Eagle* handbook for additional guidelines.

Student Publications

Through BC Voice, the student media organization, students write, edit and publish news articles on the BC Voice website, and produce podcasts and other forms of media.

Music

Bridgewater College recognizes the importance of music, not only as a part of the curriculum of a liberal arts college, but also as a vital part of campus life. The following ensembles and opportunities are active participants in the musical life of Bridgewater College.

Chorale Ensembles:

Concert Choir: Bridgewater's largest choral ensemble is open to all students on campus. Concert Choir performs several concerts every semester and serves as Bridgewater's ceremonial chorus, singing for several important campus events each year. Concert Choir also collaborates with other ensembles to perform major choral works representing many musical eras.

Chorale: Bridgewater's auditioned chamber choir maintains an active performance schedule both on and off campus. The Chorale tours regionally every year during the spring semester.

Treble Choir: The Treble Choir is a non-auditioned ensemble in the spring semester, open to all singers who identify as a soprano or alto voice.

Gospel Choir: Extracurricular choir that performs at several events throughout the year.

A Cappella Choirs: A capella choirs are auditioned extracurricular choirs that perform at several events throughout the year.

Instrumental Ensembles:

Symphonic Band: is open to all students with previous band experience without audition and performs several concerts every semester.

Jazz Ensemble: Bridgewater College offers two different jazz ensembles. One is open to anyone looking to learn and perform in the jazz styles. The other is an auditioned ensemble and maintains an active performance schedule both on and off campus.

Screamin' Eagles Marching Band: The Screamin' Eagles Marching Band performs music and drill at all home football games and various other campus and community events throughout the fall semester. Participation is open to all students with previous experience in wind instruments, percussion, guitar, electric bass, keyboard, and color guard.

Chamber Strings: Chamber strings is open to all students with previous strings experience without and audition.

Chamber Ensembles:

- Percussion Ensemble
- Guitar Ensemble
- Flute Choir
- Jazz Combo
- Brass Ensemble
- Sax Choir
- Clarinet Choir
- Handbell Choir
- Pep Band

Applied lessons for credit are available in piano, organ, voice, guitar, woodwind, brass, string, and percussion instruments.

For more details, contact Dr. Christine Carrillo, chair of the music department.

Theatre

Theatre at Bridgewater College produces two major works each year. These productions are chosen to enhance the academic experience of direct course work, as well as to respond to and reflect upon social, cultural and political issues. Theatrical production develops student talent while offering the College community the opportunity to experience a wide array of theatre genres. Additionally, theatrical production suggests to students the opportunities offered in the field of theatre.

The student-run theatre organization, the Pinion Players, provides students with co-curricular opportunities to participate in all aspects of theatrical production, from directing and acting to designing and playwriting. Activities vary yearly, are driven by student interest, and may include full length plays, touring children's theatre productions, staged readings of student written work, and a student directed one-act festival.

Office for Diversity Education and Advocacy

The Office of Diversity, Equity, & Inclusion (DEI) focuses on highlighting the Student Life curriculum of Identity, Community, Critical Thinking, and Cultural Appreciation. This office celebrates, embraces and promotes the diverse cultural backgrounds and experiences, as well as the intersectionality of the different identities that each member of BC brings to the community. We seek to engage the many voices and perspectives that exist within our community through our varied programs and services.

DEI Programs

We offer a variety of programs throughout the entire academic year and present students with opportunities to explore and engage in conversations about diversity, equity, inclusion and social justice to increase understanding across differences and to enhance a more welcoming and a more inclusive campus climate for all. We prepare our students to live and work in community with others and we provide them with intercultural skills, awareness and knowledge they will need to be leaders in our global society. Our programs and events serve as a catalyst for building bridges between people through dialogue, development of intercultural competency, empathy and social and interpersonal interactions.

Safe Zone workshops, DEI trainings, heritage month celebrations, informal gatherings, educational engagements, presentations and campus-wide events are among the programs sponsored by our office.

Additionally, our team is available to advocate for student success, as well as provide one-on-one time with members of the BC community.

Spiritual Life Programs

Bridgewater College was founded in 1880 by the Church of Brethren (COB). Our affiliation with the COB is grounded in the College's mission to uphold the ideals of goodness, truth, beauty, and harmony, which serve to animate and inspire us to take a holistic approach to student learning. As a liberal arts institution, the College has always placed a high value on engaging students to think critically, broadly, and deeply, about all facets of their experience. As a liberal arts college that educates the whole person—mind, body and spirit—Bridgewater encourages its members to actively pursue their spiritual path within an open, inclusive and supportive learning community. The College chaplain oversees the spiritual life program and offers spiritual counsel and personal support to all members of the campus community. The chaplain also plans and provides meaningful programming for the campus including discussion groups, worship services, spiritual exploration, religious holiday observances, retreats and conferences, and other events that support the religious and spiritual needs of the campus community.

Student Clubs and Organizations

DEI clubs bring people together to create awareness and appreciation for the many axes of identity at BC. The Assistant Director of Diversity, Education, & Advocacy serves as a co-advisor for all identity clubs at BC.

- African Student Association (AFSA)
- Asian Student Association (ASA)
- BC Allies
- Black Student Alliance (BSA)
- Latinx Student Association (LSA)
- Women at Work

Spiritual Life clubs welcome students of all religious and spiritual beliefs, and philosophical perspectives. Our College Chaplain provides spiritual guidance and support for all - regardless of religious tradition or spiritual orientation.

- Brethren Student Movement (BSM)
- Campus Crusade for Christ (CRU)
- Catholic Campus Ministry (CCM)
- Fellowship of Christian Athletes
- Muslim Student Association (MSA)
- Round Table Regional Youth Conference (RRYC)

IDEA Center

The Inclusion, Diversity, Equity, and Advocacy (IDEA) Center is a multicultural space on BC campus. This space is intended to enhance, enrich, and elevate identities of all our students. It celebrates and promotes the diverse

cultural backgrounds and experiences that each member of BC brings to the community. This space is used for a variety of DEI programs and presents students with opportunities to explore and engage in conversations to enhance cultural understandings across differences. The IDEA Center house has a multipurpose room that can be used for small meetings, a living room space for larger meetings, a newly created meditation and prayer space, a well-stocked kitchen, and a backyard. The IDEA Center is located at 112 College View Drive.

Eagle Success Program

The Eagle Success Mentoring Program is a mentoring program designed to assist first-generation and historically underrepresented students as they transition from high school to Bridgewater College. First-year students are paired with more experienced students who are trained to provide support, resources, and opportunities necessary for these new students to excel at BC. We highly encourage you to enroll for the Eagle Success Program at BC if you are an incoming first-year student. We also encourage you to serve as an Eagle Success Team Leader if you wish to hone your leadership skills.

Team and Office Location

The office of DEI consists of three team members. The Associate Dean of Students for Diversity, Equity, and Inclusion, the Assistant Director for Diversity, Education, and Advocacy, and the College Chaplain. The team has offices in the Student Life Suite in Kline Campus Center and in the IDEA Center. If you wish to contact us, please email us at idea@bridgewater.edu.

Students are encouraged to engage with the Office of Diversity, Equity, & Inclusion (DEI) within the Department of Student Life to investigate their personal identity and expand their knowledge about other cultures. By meeting and engaging with people from all walks of life, you will learn about different cultures, hear new perspectives and step outside your comfort zone.

Counseling Services

The Bridgewater College Counseling Center stands ready to assist students in resolving their mental health concerns. Each year, a significant number of students utilize the Counseling Center as a means to address the emotional stressors that impact their day-to-day experience on campus. The Counseling Center is composed of licensed professional counselors, residents in counseling, and graduate counseling interns who are prepared to provide quality mental health services. Treatment at the BC Counseling Center takes a holistic, solution-focused approach to healing, and begins with individual therapy. Referrals for additional services (e.g., long-term therapy, group services, health services, academic services, specialized treatment, etc.) are made as needed. The staff works closely with campus partners to ensure campus resources are utilized and students are provided with the most comprehensive care as possible. Counseling services are confidential, and student counseling records are maintained separately from all other College records.

The Counseling Center is open 8 a.m.-4:30 p.m., Monday through Friday. Appointments can be made by coming to suite 129 in the Kline Campus Center. For questions you can email counseling@bridgewater.edu or call (540-828-5402).

Students who come to Bridgewater with a previous mental health history or are under the care of a mental health provider or psychiatrist are encouraged to contact the Counseling Center staff prior to the beginning of the semester in order to coordinate care and ensure a smooth transition.

Health Services

BC's Student Health Center is open from 8:30 a.m. to 4:30 p.m. by appointment only. Most services and supplies provided at Health Services are free of charge to any student, whether they are full or part time, resident or non-resident. There are times when the provider may determine that a student's specific injury or illness should be treated by a specialist, may require additional procedures (x-ray, lab work, etc.) or treatment at a more advanced facility. When that occurs, it is recommended that the student collaborate with their health insurance provider to determine what additional costs may be incurred by the referral as any off-campus service and all prescription medications are the student's financial responsibility. You may contact Student Health Services by emailing healthservices@bridgewater.edu or calling 540-828-5384.

Spiritual Life

As a liberal arts college that educates the whole person—mind, body and spirit—Bridgewater encourages its members to actively pursue their spiritual path within an open, inclusive and supportive learning community.

As one of the six colleges historically affiliated with the Church of the Brethren, Bridgewater seeks to honor its spiritual heritage while welcoming students of all religious, spiritual and philosophical perspectives as part of a diverse learning environment. Protestant and Roman Catholic churches, an Islamic mosque, a Jewish synagogue and a Buddhist Zen center are all within easy driving distance.

Spiritual Life Groups, including Brethren Student Movement, Cru, Catholic Campus Ministry, Fellowship of Christian Athletes and Muslim Student Association, are active and open to any who wish to participate. The Spiritual Life Board and the campus chapter of Habitat for Humanity provide opportunities for service to the local community and larger world.

The College chaplain oversees the spiritual life program and offers spiritual counsel and personal support to all members of the campus community.

Residence Life

Bridgewater College is a residential campus. Students will meet people who will impact their life, have opportunities to express opinions, share ideas, and make a difference in the campus community.

Bridgewater College residential housing features a combination of traditional halls, suites, and apartments. Each hall has Resident Advisors (RAs) assigned to assist students with concerns and encourage their connection to the campus community. There are also full-time live-on professional staff members (Area Coordinators and Assistant Directors) who serve in a 24/7 on-call rotation to assist with emergency concerns after hours. Residence Life staff offers programs and activities in campus housing throughout the academic year to encourage personal, social, and academic development.

Students are responsible for their behavior in the residence halls, as well as proper care of their rooms and furniture. Expected behavior is outlined in the Eagle Handbook and addressed through Student Conduct. Damage to rooms and furniture, or to other College property, will be assessed and charged to those assigned to the space.

Bridgewater College has five (5) official breaks during the academic year: Fall, Thanksgiving, Winter, Spring and April. During these times, students are required to vacate all campus housing. Students may request permission to remain on campus during breaks if they meet specific criteria. Students permitted to stay will be charged per night on campus, unless they are staying due to a college obligation (ie. athletics, class trips, international travel). Dining services are closed during all five breaks and will resume the evening prior to the start of classes.

Bridgewater College requires all full-time undergraduate students to live on campus for the fall and spring semesters unless they meet certain criteria. A student can apply to live off campus if they meet one of the following conditions and provide the proper documentation to support their request:

1. The student lives with their parent(s)or legal guardian(s)within one of the following counties: Augusta, Highland, Page, Rockingham and Shenandoah.
2. The student is under 16 or 23 years of age or older at the start of the school year.
3. The student is/was a member of the armed forces.
4. The student is married or is a custodial parent.
5. The student is enrolled as a part-time student (taking fewer than 12 credit hours per semester).
6. The student is a fifth-year senior.
7. 3+2 MSAT student entering their 4th year

Students wishing to apply to live off campus may obtain an Off-Campus Housing Application form from the Department of Student Life, KCC 104 (studentlife@bridgewater.edu) or on MyBC under Commuters.

Students are **strongly discouraged** from signing a lease for an off-campus rental property until they receive written approval from the Director of Residential Life and Community Standards, their designee, or the Housing Accommodation Review Board. If they are not approved to live off campus and sign a lease prematurely, they will have to pay room and board fees on campus as well as their off-campus rent.

Student Conduct Services

Student Conduct strives to promote a living and learning environment that is safe, positive, and in which the rights of all members of the campus community are respected. Student Conduct fosters student learning and development through an accountability process focused on educational opportunities involving reflection on behavioral impact and resolving community concerns.

Student Conduct utilizes restorative practices to foster community building, deter future problems, and as an intervention strategy after a conflict has occurred. Rather than a punitive approach, this process treats misconduct as a violation of people and relationships in the community. The restorative process encompasses reflective questioning and inclusive decision-making in order to repair harm, rebuild trust, and restore the community.

More information on Student Conduct procedures and campus policies can be found in *The Eagle* Student Handbook.

Athletics

Bridgewater College encourages participation in athletics by fostering a challenging and versatile athletic program.

Through the dedication of coaches and support staff, the Bridgewater College athletics department provides a meaningful athletic experience for the student-athlete while in the pursuit of success in conference, regional and national competition. Bridgewater College student-athletes develop leadership, discipline, teamwork and perseverance, as they grow as students, athletes and future professionals. The athletics department strives to establish and maintain an environment that values cultural diversity and gender equity among student athletes and athletics staff. Facilities, staffing and resources are prioritized to aid in recruitment and competitive advantage. The coaches and staff act as a connective fiber among students, faculty, staff and the local community.

The College sponsors 12 intercollegiate programs for women: basketball, cross country, field hockey, golf, lacrosse, soccer, softball, swimming, tennis, indoor and outdoor track and field, and volleyball. The College also sponsors 11 intercollegiate teams for men: baseball, basketball, cross country, football, golf, lacrosse, soccer, swimming, tennis, and indoor and outdoor track and field. In addition to the 23 varsity NCAA programs, the College also sponsors an NCEA varsity riding program. Other campus groups supporting the College athletic teams include the cheerleading squad and the Screamin' Eagles Marching Band.

The College is a Division III member of the National Collegiate Athletic Association (NCAA) and follows guidelines and policies set forth by this governing body. Bridgewater's teams compete in the Old Dominion Athletic Conference (ODAC). Riding competes in the National Collegiate Equestrian Association (NCEA) and follows those guidelines and policies.

The College also offers a full array of intramural and club sport opportunities.

Financial Information

This section contains general information regarding financial matters. **Please go to bridgewater.edu/financeoffice for specific policies and fee information.**

Fees for the 2023-2024 Session (full-time students)

Residential	
Tuition	$40,300
Technology Fee	510
Student Services Fee	540
Total Mandatory Fees:	$41,350
Residential Fee*	14,370
Total Tuition and Residential Fees:	$55,720
Non-Residential	
Tuition	$40,300
Technology Fee	260
Student Services Fee	270
Total Tuition and Fees:	$40,830

To be considered full time, a student must be registered for a minimum of 12 credit hours during a semester. The fee schedule assumes a full-time enrollment of at least 12, but not more than 18, credit hours per semester. **Students enrolled in less than 12 credit hours will be charged part-time fees. Overload charges will apply to all credit hours in excess of 18 per semester.** See bridgewater.edu/admissions-aid/tuition-and-financial-aid/tuition-and-costs/college-fees/ for current part-time and overload fees.

One-half of the tuition and fees total is due for each semester:

Fall semester payment is due **August 1, 2023.**

Spring semester payment is due **December 5, 2023.**

**The residential fee includes a base room in a traditional residence hall and the continuous dining meal plan. Additional fees are assessed for certain residence hall options chosen by the student.*

Late Payments

Payments must be received in the student accounts office by 4 p.m. on the due dates listed above. Payments received after the due date will be assessed a late fee. After 30 days, past-due accounts are subject to additional penalties not to exceed 12 percent per year. Students may not complete class registration until satisfactory arrangements have been made with the student accounts office for payment of all fees. The College does not issue transcripts of credits for students with delinquent accounts.

Reservation Deposits

All students must confirm their intention to enroll by making a reservation deposit. The reservation deposit is applied to the fall semester charges for the upcoming year and is nonrefundable after May 1 for new students. Students admitted after May 1 must make a deposit within 10 days after admission. For returning students, the reservation deposit is due early in the spring semester (due dates to be announced each year) and is nonrefundable. Returning students who fail to make the deposit on time must pay a penalty and may not complete preliminary registration, select classes or reserve a room until the deposit and the penalty have been paid.

May Term

In order to better ensure that all students have an opportunity to take May Term courses, **two May Terms sessions are included in each student's tuition** during their time at BC. Students may enroll in additional May terms for an additional tuition fee, plus a residential fee if applicable.

Any student who is a residential student in the spring can reside on campus with no additional charge for room and board, if they are enrolled in the two May Terms included in their tuition. Commuter students are not eligible for May Term housing.

Living on campus during May Term is not mandatory. However, no refund for tuition, room or board will be given to students who do not attend May Term or who decide to live off campus. Please note that summer school sessions do have an additional cost for living on campus.

Students may have to remove to a difference residence hall for the May Term session.

There may be additional charges to students enrolled in May Term courses involving travel, off-campus housing or other expenses. See bridgewater.edu/may-term-faqs for more information.

Part-Time Students

A part-time student (one who is registered for fewer than 12 credit hours in a semester and who resides off campus) pays on a per-credit-hour basis in accordance with the fee schedule posted on the College website, plus a registration fee per semester. Payment must be made at the time of class registration. A part-time student is not eligible to receive scholarship aid or to reside on campus.

Other Fees

In addition to the fees listed, certain elective courses require student fees that are established at the beginning of each academic year. Private music lessons are examples of such fee courses. Also, four-credit classes with a lab are typically charged a lab fee. Additional fees are assessed for certain residence halls (single rooms, etc.) and vehicle registration, course overloads, etc. These fees are subject to change without notice. See bridgewater.edu/admissions-aid/tuition-and-financial-aid/tuition-and-costs/college-fees/ for a current list of fees.

Residential Damage Deposits

A residential damage deposit is required from all students at the time the student first enrolls at the College. Returning students cover assessments that have been made against the deposit by bringing it back to the level of the initial deposit at the time of each fall registration. Students must return their residential key and checkout slips at the end of each academic year or the deposit will be forfeited. Any unused portion of the deposit will be refunded at graduation or upon withdrawal from the College once the student has properly checked out of their room. See bridgewater.edu/admissions-aid/tuition-and-financial-aid/tuition-and-costs/college-fees/ for the current deposit amount.

Personal Expenses

Each student pays for his or her own personal expenses and books. Please note that students are not permitted to charge books to their student accounts.

Withdrawal from College

To withdraw from Bridgewater College at any time during a semester, a student must first confer with the associate dean for academic affairs who will provide a form requiring the signatures of appropriate College personnel. **A student who fails to withdraw properly may forfeit his or her residence hall and room key deposit, will receive failing grades in all currently enrolled courses and may be ineligible for refunds as described below.**

Refunds

Only limited refunds can be made when a student withdraws from the College. Advance deposits are not refunded in any instance.

The financial aid of a student who does not complete the semester for any reason will be reduced in accordance with mandatory federal guidelines. All questions concerning refund amounts should be addressed to the student accounts office.

Withdrawal Due to Health Reasons or Military Service

In the event of an approved withdrawal for health reasons or military service, a refund of tuition and fees is provided according to the following schedule:

- During the first two weeks of the semester: 80%
- During the third or fourth weeks: 50%
- During the fifth or sixth weeks: 20%
- After the sixth week: No Refund

A portion of the residential fee may be prorated. Confidential written documentation in support of a medical withdrawal must be provided by a physician or other certified medical practitioner to the associate dean for academic affairs. A student called to active military service is responsible for providing the appropriate military orders. In most cases, the supporting documentation must be received within **two weeks** after the withdrawal date.

Withdrawal Due to Personal Reasons

In the event of an approved withdrawal for personal reasons, a refund of tuition and fees is provided according to the following schedule.

- During the first two weeks of the semester: 50%
- During the third or fourth weeks: 25%
- After the fourth week: No Refund

A portion of the residential fee may be prorated.

Mandatory Withdrawal

In the event of a disciplinary suspension or administrative withdrawal, refunds are generally treated as a withdrawal due to personal reasons.

Methods of Payment

The inclusive fee for each semester is due according to the schedule above. Fees for part-time students are due at the time of official registration. All financial aid administered by the College is applied to the students' accounts at the rate of one-half for each of the fall and spring semesters. Work-study earnings are paid directly to the student via direct deposit bi-weekly.

The College accepts cash, checks, money orders and all major credit cards for tuition payments. A service fee will be charged for all credit card payments, including debit card payments. People who prefer to pay the inclusive fee in equal installments may choose to enroll in the Bridgewater College payment plan administered by Nelnet Campus Commerce. See bridgewater.edu/options for additional information.

Financial Aid

Recognizing that college costs are a legitimate concern to many students, Bridgewater College commits significant institutional resources for grants and scholarships. To assist as many students as possible, the aggregate of institutional funds for an individual student is restricted to an amount equivalent to tuition and fees and may apply only to semesters taken on campus. Institutional grants and scholarships apply to institutional costs associated with undergraduate enrollment during the academic year and exclude summer school. The financial aid office coordinates resources provided by the college, as well as state and federal aid programs to provide a substantial and varied program of financial aid.

Federal Government Financial Aid

Both returning and new students are required to submit the Free Application for Federal Student Aid (FAFSA) for each academic year no sooner than October 1 and the priority deadline is March 1. Applications submitted after March 1 will be processed as long as funds are available. The FAFSA is also the approved application for need-based institutional and state financial aid programs. The financial aid office begins releasing aid packages to prospective students after March 15 on a rolling basis. Returning students receive their aid packages after June 15.

Listed below are brief descriptions of the Title IV federal aid programs for students who are citizens or permanent residents of the United States. Full time status is enrollment in a minimum of 12 credit hours for undergraduate students and a minimum of 9 credit hours for graduate students. Selected federal programs can be awarded to students enrolled on a part-time basis. The analysis of the FAFSA determines eligibility for Title IV aid programs. All students are subject to satisfactory academic progress standards in order to maintain eligibility for participation. Entering freshmen and transfers are considered to be making satisfactory academic progress based upon their admission. However, after that point, satisfactory academic progress is measured according to the information listed below. The financial aid office staff is available to answer questions about the issue of satisfactory academic progress for financial aid.

Title IV Federal Aid Programs

1. **Federal Pell Grant**—Authorized under the Higher Education Amendments of 1972, eligible undergraduate students will receive a grant ranging from $737 to $7,395 in the 2023-2024 academic year. Eligibility is tied to the Expected Family Contribution (EFC), which is determined by an analysis of the FAFSA.
2. **Federal Supplemental Educational Opportunity Grant**—Under the Higher Education Act of 1965 and subsequent amendments, grant funds are available for the neediest undergraduate students as determined by the EFC. Pell Grant recipients have first priority for these funds. Awards may range from $100 to $1,000.
3. **Federal Work-Study Program**—A number of job opportunities are filled by students who meet the provisions of the federally subsidized employment program. Employment is performed under conditions established by federal aid regulations.
4. **Federal Direct Loan—**If the analysis of the FAFSA determines that financial need exists and the student is an undergraduate, the student is eligible for a Direct Subsidized Loan. If no financial need exists or if the student is a graduate student, the student is eligible for a Direct Unsubsidized Loan. The distinction between these categories is in regards to accrual of interest while the student is enrolled on at least a half time basis. For a Direct Subsidized Loan, the federal government covers interest while the student is enrolled at least half time. For a Direct Unsubsidized Loan, the student borrower must make interest payments while in school or have payments capitalized. Maximum annual loan limits are $5,500 for freshmen, $6,500 for sophomores, $7,500 for juniors and seniors, and $20,500 for graduate students.
5. **Federal PLUS Loan—**This program is designed to assist parents of undergraduate students and graduate students in borrowing money to pay for educational expenses. To be eligible for a PLUS loan, the borrower must be creditworthy. The maximum loan is the educational cost of attendance budget less financial aid awarded. Repayment begins within 60 days of final disbursement, unless the borrower requests an in-school deferment.

Complete information about the Title IV federal aid programs can be found online at studentaid.gov.

Satisfactory Academic Progress

Students must meet the requirements specified below in order to receive Title IV federal aid.

Qualitative Measure—Undergraduate students must have at least a 1.700 cumulative grade point average (GPA) by completion of their second semester and at least a 2.000 cumulative GPA by completion of their fourth semester. A minimum year-end 2.000 cumulative GPA must then be maintained until graduation. Graduate students are required to attain and retain a cumulative GPA of at least 3.0.

Quantitative (Pace) Measure—Students must successfully complete at least 67 percent of the courses they attempt. Withdrawn (W) grades and transfer credits count as attempted hours for this purpose.

Maximum Time Frame—Students must not attempt more than 150 percent of the hours required for their degree program.

A student who does not meet the specified requirements may make an appeal for aid if extenuating circumstances existed. The financial aid committee rules on all satisfactory academic progress appeals.

Federal Aid—Return of Title IV Funds

While Bridgewater College has a refund policy for charges, outlined in the Financial Information section, a separate policy for federal aid exists as described in the "Return of Title IV Funds" regulations published by the U.S. Department of Education. The amount of aid earned is calculated on a pro rata basis through 60 percent of the payment period. The amount of unearned Title IV aid is then returned to various Title IV aid programs, including Federal Direct Loan, Federal PLUS Loan, Federal Pell Grant, Federal Supplemental Educational Opportunity Grant and other Title IV programs. If the student has received any assistance from the Title IV funds in the order listed above, the return of funds will go to those specific programs in the order received. After 60 percent of the payment period (academic semester) has been completed, all Title IV funds have been earned and continue to be available for payment against institutional charges. It is possible for students whose accounts were paid in full at the start of a term to owe payment for the balance of charges after the return of Title IV funds is completed. The withdrawal date for use in this process can begin in several different ways. The standard procedure begins with the date that the student completes the online withdrawal form, or the date that the student orally or in writing provides an official notification to the institution of their intent to withdraw, can be the valid withdrawal date. If a student gives no official notification, Bridgewater College has the option of using the midpoint of the payment period or a withdrawal date documented with the student's attendance at an academically related activity. Before a student takes any action to withdraw, it would be advantageous to learn the refund policy that the business office will use as well as the implications of any refund of Title IV funds. Any questions concerning this issue should be addressed to the financial aid office. All questions concerning final resolution of the account balance in the student accounts office should be addressed to the vice president for finance.

Academic Scholarships - First-Year Students

Eligibility for the following scholarships is based on cumulative high school GPA, class rank, SAT/ACT test scores and quality of high school curriculum. Annual renewal requires a minimum year-end GPA of 2.3 (C+) unless otherwise noted. Recipients receive the award for a maximum of eight semesters (does not include summer school) toward the undergraduate degree.

1. **Achieving in a Community of Excellence (ACE) Scholarships**—variable stipends of $31,000, $32,000, $33,000 and $34,000 for 2023-2024.
2. **President's Merit Award**—a full tuition scholarship awarded to no more than 10 resident first-year students. Annual renewal requires a year-end cumulative GPA of no less than 3.5.
3. **Church of the Brethren Scholarship**—awarded to eligible first-year students who are members of the Church of the Brethren. The stipend is $2,500 for resident students and $1,500 for commuter students.

Academic Scholarships - Transfers

Eligibility for the following scholarships is based on credits earned and cumulative GPA for all college work. A minimum of 12 transferable credits and a 2.8 cumulative college GPA are required for ACE scholarship consideration. Annual renewal requires a minimum year-end GPA of 2.3.

1. **Achieving in a Community of Excellence (ACE) Scholarships**—variable stipends of $23,000, $24,000, $25,000 and $27,000 for 2022-2023.
2. **Church of the Brethren Scholarships**—awarded to eligible transfer students who are members of the Church of the Brethren. The stipend is $2,500 for resident students and $1,500 for commuter students.

Institutional Grants

1. **General Grant**—Need-based grant awarded to selected students who have demonstrated financial need based upon the analysis of their Free Application for Federal Student Aid (FAFSA).
2. **Phi Theta Kappa Scholarship**—$3,000 grant awarded to transfer students with membership in PTK from the community college system.
3. **Eagle Award**—$27,000 or $29,000 grant awarded to selected incoming freshmen and $20,000 or $22,000 to incoming transfer students who do not qualify for academic scholarships.

Commonwealth of Virginia Financial Aid

Virginia Tuition Assistance Grant—The amount of the Virginia Tuition Assistance Grant (VTAG) is determined by the Virginia General Assembly. For the 2023-2024 academic session, the maximum estimated value of this grant for full-time, undergraduate students domiciled in Virginia is $5,000. A VTAG award of half of the undergraduate amount is also available to full-time, graduate students domiciled in Virginia who are enrolled in the graduate athletic training program (CIP Code 51.0913). The VTAG application deadline is July 31, and the application form is available at bridgewater.edu/financingyoureducation.

Endowed Scholarships

Endowed scholarships are funded through gifts from interested alumni and friends, churches and the income of endowed funds. Each scholarship has select criteria and eligibility requirements associated with it. Bridgewater College has more than 200 endowed scholarships to award to eligible students. Endowed scholarships generally are available only to returning students.

Policy for Benefits under Training and Rehabilitation for Veterans with Service-Connected Disabilities and Post-9/11 Educational Assistance

A. For purposes of this policy, a "covered individual" is any individual who is entitled to educational assistance under chapter 31 or 33 of title 38, United States Code.

B. Any covered individual shall be permitted to attend or participate in the course of education during the period beginning on the date on which the individual provides to the educational institution a certificate of eligibility for entitlement to educational assistance under chapter 31 or 33 of title 38, United State Code, and ending on the earlier of the following dates:

- The date on which the Secretary provides payment for such course of education to such institution; or
- The date that is 90 days after the date on which the educational institution certifies for tuition and fees following receipt from the student such certificate of eligibility.

C. The College shall not impose any penalty on any covered individual, including the assessment of late fees, the denial of access to classes, libraries, or other institutional facilities, or the requirement that a covered individual borrow additional funds, because of the individual's inability to meet his or her financial obligations to the institution due to the delayed disbursement of a payment to be provided by the Secretary under chapter 31 or 33 of title 38, United States Code.

D. A covered individual may be required to take the following actions:

- Submit a certificate of eligibility for entitlement to educational assistance not later than the first day of a course of education for which the individual has indicated the individual wishes to use the individual's entitlement to educational assistance;
- Submit a written request to use such entitlement; and
- Provide additional information necessary to the proper certification of enrollment by the educational institution.

E. If a covered individual is unable to meet a financial obligation to the College due to the delayed disbursement of a payment to be provided by the Secretary of Veteran Affairs under chapter 31 or 33 of title 38, United States Code, and the amount of such disbursement, once made, is less than anticipated, the College may require additional payment or impose a fee for the amount that is the difference between the amount of the financial obligation and the amount of the disbursement.

Veteran's Benefits

Information to assist veterans, military personnel and their families.

- The Virginia State Approving Agency (SAA) is the approving authority of education and training programs for Virginia. The office investigate complaints of GI Bill® beneficiaries. While most complaints should initially follow the College's grievance policy, if the situation cannot be resolved at the College, the beneficiary should contact the SAA office via email saa@dvs.virginia.gov.

  GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs (VA). More information about education benefits offered by VA is available at the official U.S. government Web site at http://www.benefits.va.gov/gibill.

- **Military Credit Evaluation**
  Credit will be awarded when it is applicable to the student's declared program. Request your military transcript for review and evaluation.

  For the Army, Coast Guard, Marine Corps and Navy, the Joint Services Transcript (JST) is available. The JST, an academically accepted document approved by the American Council on Education (ACE) to validate a service member's military occupational experience and training, will be reviewed and college credit considered based on ACE's recommendations.

For the Air Force, contact the Community College of the Air Force (CCAF) to request a transcript for review and credit consideration.

- Transfer of Credit Policies
- Relief, Refund and Reinstatement Tuition Guidelines
- Tuition and Costs
- Institutional, State and Federal (Title IV) Financial Aid Information
- Financial Aid Advisor
- **Primary Contact for Veterans and Military Educational Benefits**
  Prospective and current students seeking to use veteran's educational assistance benefits or tuition assistance benefits should contact the assistant registrar, Evan Fields (efields@bridgewater.edu, 540-828-5312), or the registrar, Sherry Phelps (sphelps2@bridgewater.edu, 540-828-5313). The registrar's office will coordinate application for these benefits and will contact other departments as appropriate for academic counseling, financial aid counseling and student support services. If applying for the first time, fill out our Veterans Educational Benefits Application (.pdf).

Policy for Benefits under Training and Rehabilitation for Veterans with Service-Connected Disabilities and Post-9/11 Educational Assistance

- For purposes of this policy, a "covered individual" is any individual who is entitled to educational assistance under chapter 31, 33, or 35 of title 38, United States Code.
- Any covered individual shall be permitted to attend or participate in the course of education during the period beginning on the date on which the individual provides to the educational institution a certificate of eligibility for entitlement to educational assistance under chapter 31, 33, or 35 of title 38, United State Code, and ending on the earlier of the following dates:
  - The date on which the Secretary provides payment for such course of education to such institution; or
  - The date that is 90 days after the date on which the educational institution certifies for tuition and fees following receipt from the student such certificate of eligibility.
- The College shall not impose any penalty on any covered individual, including the assessment of late fees, the denial of access to classes, libraries, or other institutional facilities, or the requirement that a covered individual borrow additional funds, because of the individual's inability to meet his or her financial obligations to the institution due to the delayed disbursement of a payment to be provided by the Secretary under chapter 31, 33, or 35 of title 38, United States Code.
- A covered individual may be required to take the following actions:
  - Submit a certificate of eligibility for entitlement to educational assistance not later than the first day of a course of education for which the individual has indicated the individual wishes to use the individual's entitlement to educational assistance;
  - Submit a written request to use such entitlement; and
  - Provide additional information necessary to the proper certification of enrollment by the educational institution.
- If a covered individual is unable to meet a financial obligation to the College due to the delayed disbursement of a payment to be provided by the Secretary of Veteran Affairs under chapter 31, 33, or 35 of title 38, United States Code, and the amount of such disbursement, once made, is less than anticipated, the College may require additional payment or impose a fee for the amount that is the difference between the amount of the financial obligation and the amount of the disbursement.

Standards of Progress

Minimum Scholarship Standards

Every student who is permitted to enroll at Bridgewater College is expected to make continuous progress toward his or her educational objective. At the end of each semester a careful evaluation of the achievement of each student is made by the Academic Review Committee, and a student whose quality of performance is below the minimum scholarship standards will be placed on academic probation or academic suspension. In most cases, a student will be placed on academic probation prior to being academically suspended. A student who is placed on academic suspension may be given the opportunity to appeal. The Council on Education is responsible for advising the provost of these standards and for hearing appeals concerning them.

Learn more about our Minimum Scholarship Standards

Students academically suspended must leave the college for a semester. Upon suspension, students receiving GI Bill® benefits will not be certified for future semesters and the student's status will be reported to the Veterans Administration.

Student Conduct

Student conduct and institutional policy are addressed in The Eagle Student Handbook. Upon dismissal for unsatisfactory conduct, students receiving GI Bill® benefits will not be certified beyond the dismissal date and the student's status will be reported to the Veterans Administration.

Readmission

Students intending to pursue readmission must follow the College's procedures for readmission to the college. When students are officially readmitted to the college, they are permitted to register for classes. Students eligible for GI Bill® benefits may request that their enrollment be certified to the Veterans Administration. Students should contact the assistant registrar, Evan Fields (efields@bridgewater.edu, 540-828-5313), or the registrar, Sherry Phelps (sphelps2@bridgewater.edu, 540-828-5313).

Organization of the College

Board of Trustees

Officers of the Board

D. Bruce Christian, Chair
David W. Bushman, President
Donna P. Walker, Vice Chair
Mark A. Sherman, Secretary
Leona A. Sevick, Assistant Secretary
Stephen Bright, Treasurer

Trustees

D. Cory Adamson, Decatur, Georgia
Andrew B. Agee, Roanoke, Virginia
J. Russell Bruner, Leesburg, Virginia
David W. Bushman, Bridgewater, Virginia
D. Bruce Christian, Lynchburg, Virginia
Mensel D. Dean Jr., Bridgewater, Virginia
Michael D. Del Giudice, New York, New York
A. Wesley Graves VI, Rockingham, Virginia
Andrew P. Grossnickle, Fredericksburg, Virginia
Jennifer L. Hedrick, Falls Church, Virginia
Hope H. Hickman, Hilton Head Island, South Carolina
Lawrence M. Johnson, Baldwin, Maryland
Michael K. Kyles, Midlothian, Virginia
J. Allen Layman, Daleville, Virginia
Cheryl M. Mascarenhas, Plainfield, Illinois
Nathan H. Miller, Bridgewater, Virginia
Paul E. Mundey, Frederick, Maryland
Wilfred E. Nolen, Bridgewater, Virginia
Justin E. Pruett, Nashville, Tennessee
Bonnie F. Rhodes, Mechanicsburg, Pennsylvania
Denise Eller Saunders, Durham, North Carolina
Mark A. Sherman, Charlottesville, Virginia
Ashley B. Smith, Midland, Virginia
Robert I. Stolzman, Providence, Rhode Island
Donna P. Walker, Sarasota, Florida
James H. Walsh, Richmond, Virginia
G. Benjamin Wampler, Nokesville, Virginia
Dewey M. Williard, Winston-Salem, North Carolina
Kathy G. Wright, Richmond, Virginia
David A. Young, Washington, D.C.

Life Trustees

G. Steven Agee, Salem Virginia
Nancy M. Bowman, Waynesboro, Virginia
Pasco M. Bowman II, Kansas City, Missouri
Violet S. Cox, Bridgewater, Virginia
William S. Earhart, Bridgewater, Virginia
Carl R. Fike, Oakland, Maryland
Yancey W. Ford Jr., Charlottesville, Virginia
James L. Keeler, Roanoke, Virginia
Marion E. Mason, Bridgewater, Virginia
F. Gary Osborne, Daleville, Virginia
Anne M. Reid, Roanoke, Virginia
Ronald E. Sink, Blue Ridge, Virginia
C. Ray Smith, Charlottesville, Virginia
Rodney I. Smith, Midland, Virginia
Barbara B. Stoltzfus, Mount Crawford, Virginia
James L. Wilkerson, Crewe, Virginia

Ex-Officio Trustee

Brad Hallock, Frederick, Maryland

Administrative Officers

David W. Bushman, B.S., M.S., Ph.D.
President

Stephen Bright, B.A., M.P.A.
Vice President for Finance and Treasurer

Leslie M. Frere, B.A., M.A., Ph.D.
Vice President for Student Life and Dean of Students

Curt Kendall, B.S., M.S.
Director of Athletics

Abbie Parkhurst, B.A., M.S.
Vice President for Marketing and Communications

Michael A. Post, B.S., M.S.
Vice President for Enrollment Management

Kristy K. Rhea, B.S., M.S.
Vice President for Information Technology and Chief Information Officer

Leona A. Sevick, B.A., M.A., Ph.D.
Executive Vice President and Provost

Vice President for Institutional Advancement

Jamie Frueh, B.S.F.S., Ph.D.
Associate Provost

Robert R. Hammill, B.A., M.A., Ph.D.
Associate Dean for Academic Affairs

Sherry Phelps, B.A., M.B.A.
Registrar

Denise Miller, B.A., M.S.Ed.
Director of Academic Support Services

Andrew L. Pearson, B.A., M.L., M.A.
Director of the John Kenny Forrer Learning Commons

Faculty

David W. Bushman, President, Professor of Biology; B.S., Loyola College; M.S., Ph.D., University of Maryland; Bridgewater College, 2013-

Leona A. Sevick, Executive Vice President and Provost, Professor of English; B.A., McDaniel College; M.A., Ph.D., University of Maryland; Bridgewater College, 2016-

Jamie J. Frueh, Associate Provost and Professor of Global Politics, W. Harold Row Chair of International Studies; B.S.F.S., Georgetown University; Ph.D., American University; Bridgewater College, 2002-

Robert R. Hammill, Associate Dean for Academic Affairs, Associate Professor of Health and Human Sciences; A.A., Waldorf College; B.A., Wartburg College; M.A., University of Northern Iowa; Ph.D., University of Virginia; ATC, Board of Certification; LAT, Commonwealth of Virginia Board of Medicine; Bridgewater College, 2007-

Harriett E. Hayes, Dean of the Rhodes School of Arts and Humanities, Associate Professor of Sociology; Lawrance S. and Carmen C. Miller Chair of Ethics; B.A., Kenyon College; M.A., Ph.D., Brandeis University; Bridgewater College, 1996-

Barbara H. Long, Dean of the Nolen School of Business and Professional Studies, Associate Professor of Health and Human Sciences; B.S., Bridgewater College; M.S., United States Sports Academy; Ed.D., Shenandoah University; ATC, Board of Certification; LAT, Commonwealth of Virginia Board of Medicine; Bridgewater College, 1999-

Jeffrey H. Pierson, Dean for Graduate and Special Programs, Professor of Communication Studies; B.A., North Carolina State University; M.A., Temple University; Ph.D., Rutgers University; Bridgewater College, 1992-

Philip T. Spickler, Dean of the School of Natural Sciences, Professor of Physics; B.S., Bridgewater College; M.S., Ohio University; Ph.D., The College of William and Mary; Bridgewater College, 1999-

Professors

Carol A. Scheppard, Professor of the College; B.A., Wesleyan University; M.Ed., Lesley College; MDiv, Princeton Theological Seminary; Ph.D., University of Pennsylvania; Bridgewater College, 1998-

William E. Abshire, Anna B. Mow Endowed Professor of Philosophy and Religion; B.A., Bridgewater College; M.A.Th., Bethany Theological Seminary; Ph.D., University of Virginia; Bridgewater College, 1987-

Robert B. Andersen, Professor of Global Studies, Kline-Bowman Chair of Creative Peacebuilding; B.A., Macalester College; M.A., Ph.D., University of Denver; Bridgewater College, 1990-

Stephen F. Baron, Harry G. M. Jopson Professor of Biology; B.S., M.S., University of Dayton, Ph.D., Virginia Polytechnic Institute and State University; Bridgewater College, 1995-

Amanda L. Campbell, Professor of Health and Human Sciences; B.S., James Madison University; M.Ed., Ph.D., University of Virginia; Bridgewater College, 2007-

L. Alan Eby, Professor of Psychology; B.S., Eastern Mennonite University; Ph.D., Fuller Seminary; Bridgewater College, 2007-

Stanley A. Galloway, Professor of English; B.A., Northwest Nazarene College; M.A., Kansas State University; Ph.D., University of Kansas; Bridgewater College, 1993-

James S. Josefson, Professor of Political Science; B.S., Carroll College; M.A., Ph.D., Syracuse University; Bridgewater College, 2000-

Scott D. Jost, Professor of Art; B.A., Bethel College; M.F.A., University of Minnesota; Bridgewater College, 2003-

Melanie K. Laliker, Professor of Communication Studies; B.S., M.A., University of Central Florida; Ph.D., University of Georgia; Bridgewater College, 2000-

Gavin R. Lawson, Professor of Biology; B.S., University of Illinois, Urbana; M.S., University of Arizona; Ph.D., University of Illinois, Urbana; Bridgewater College, 1997-

Robyn A. Puffenbarger, Professor of Biology; B.S., Virginia Polytechnic Institute and State University; Ph.D., Medical College of Virginia; Bridgewater College, 2001-

Scott H. Suter, Professor of English; B.A., James Madison University, M.A., University of North Carolina; Ph.D., George Washington University; Bridgewater College, 2002-

Larry C. Taylor, Professor of Music; B.S.M., Seton Hill University; M.M., University of Notre Dame; M.M., Emory University; D.M.A., University of Cincinnati; Bridgewater College, 2003-

Associate Professors

Benjamin D. Albers, Associate Professor of Sociology; B.A., Kenyon College; M.A., Ph.D., Duke University; Bridgewater College, 2008-

Kimberly J. Bolyard, Associate Professor of Biology; B.A., University of North Carolina at Chapel Hill; B.A., Ph.D., Indiana University; Bridgewater College, 2007-

James D. Bowling, Associate Professor of Mathematics; B.S., Oglethorpe University; M.A., Wake Forest University; Ph.D., University of Virginia; Bridgewater College, 2002-

Timothy J. Brazill, Associate Professor of Sociology: Criminology and Criminal Justice; B.S., University of Florida; M.A., Ph.D., University of California, Irvine; Bridgewater College, 2004-

Holly A. Caldwell-Taylor, Associate Professor of Business Administration; B.S., Bridgewater College; Master of Accountancy, Virginia Polytechnic Institute and State University; M.B.A., University of Maryland University College; D.B.A., Liberty University; C.P.A., Commonwealth of Virginia; Bridgewater College, 2003-

Jennie M. Carr, Associate Professor of Elementary Education; B.S., Bridgewater College; M.A., Eastern Mennonite University; Ph.D., Northcentral University; Bridgewater College, 2012-

Christine E. Carrillo, Associate Professor of Music, Director of Instrumental Music; B.M., B.M.E., University of Illinois at Urbana-Champaign; M.M., D.M.A., University of Texas-Austin; Bridgewater College, 2011-

Michele Clark, Associate Professor of Communication Studies; B.A., Pennsylvania State University; M.A., Ph.D., University of Pennsylvania; Bridgewater College, 2007-

Scott W. Cole, Associate Professor of Theatre; B.A., Colby College; M.A., Brown University; Ph.D., University of Washington; Bridgewater College, 2005-

Vimari Colon-Leon, Associate Professor of Music; B.M., M.M. Conservatory of Music of Puerto Rico; Ph.D., University of Miami; Bridgewater College, 2017-

Karie Dornon, Associate Professor of Economics and Business Administration; B.A., M.A., Ph.D., University of Tennessee; Bridgewater College, 2012-

Bobbi G. Gentry, Associate Professor of Political Science and History; B.A., Winthrop University; M. Phil., Ph.D., City University of New York; Bridgewater College, 2014-

Charles W. Hale IV, Associate Professor of Health and Human Sciences; B.S., M.S.Ed. and Ed.D., James Madison University; ATC, Board of Certification; LAT, Commonwealth of Virginia Board of Medicine; Bridgewater College, 2002-

Sam Hamilton, Associate Professor of English; B.A., Indiana University of Pennsylvania; M.A., University of Florida; M.A.T., Ph.D., University of Pittsburgh; Bridgewater College, 2017-

Donna Hancock Hoskins, Associate Professor of Health and Human Sciences; B.S., M.S., University of Kentucky; Ph.D., University of Georgia; Bridgewater College, 2012-

Hunter G. Honeycutt, Associate Professor of Psychology; B.A., Wake Forest University; M.S., Ph.D., Virginia Polytechnic Institute and State University; Bridgewater College, 2006-

Michael J. Hough, Associate Professor of Art; B.A., M.A., California State University; M.F.A., Rhode Island School of Design; Bridgewater College, 1997-

David C. Huffman, Associate Professor of Economics and Business Administration; B.A., Bridgewater College; M.A., Ph.D., University of Virginia; Bridgewater College, 1980-

Christopher M. James, Associate Professor of World Languages; B.A., M.A., Ball State University; M.A., Ph.D., University of Virginia; Bridgewater College, 2014-

Tamara Johnstone-Yellin, Associate Professor of Biology; B.S., University of Puget Sound; M.S., Ph.D., Washington State University; Bridgewater College, 2012-

Gwendolyn Jones, Associate Professor of Education; B.A., Eastern Connecticut State University; M.A., University of Connecticut; Ed.D., West Virginia University; Bridgewater College, 2017-

Martin A. Kalb, Associate Professor of History; M.A., Friedrich-Alexander University in Erlangen, Germany; Ph.D, Northern Arizona University; Bridgewater College, 2015-

Moshe Khurgel, Associate Professor of Biology; B.S., Ph.D., University of Toronto; Bridgewater College, 2007-

Yuka H. Kishida, Associate Professor of History; B.A., Soka University of America; M.A., Ph.D., The University of Iowa; Bridgewater College, 2014-

Nancy B. Klancher, Associate Professor of Philosophy and Religion; B.A., M.A., Boston University; Ph.D., University of Pittsburgh; Bridgewater College, 2012-

Eric A. Kniss, Associate Professor of Art; A.A., Hesston College; B.F.A., Bethel College; M.F.A., University of North Carolina at Greensboro; Bridgewater College, 2014-

Timothy A. Kreps, Associate Professor of Biology; B.A., Manchester College; M.S., Indiana University; Ph.D., University of Notre Dame; Bridgewater College, 2004-

Beth Lehman, Associate Professor of Education; B.A., Goshen College; M.A., Butler University; M.S., Ph.D., Indiana University; Bridgewater College, 2017-

Verne E. Leininger, Associate Professor of Mathematics; B.A., Manchester College; M.A., Pennsylvania State University; Ph.D., Ohio State University; Bridgewater College, 1998-

Edgar B. Lickey, Associate Professor of Biology; B.S., St. Andrews Presbyterian College; M.S., Appalachian State University; Ph.D., University of Tennessee; Bridgewater College, 2007-

Maria V. Lugo, Associate Professor of Economics and Business Administration; B.A., Sacred Heart University; M.B.A., Universidad Metropolitana; Ph.D., Walden University; D.B.A., Grenoble Ecole de Management; Bridgewater College, 2011-

Elizabeth MacDougall, Associate Professor of Psychology; B.S., Geneva College; M.A., Loyola College; Ph.D., Fairleigh Dickinson University; Bridgewater College, 2020-

Brandon D. Marsh, Associate Professor of History; B.A., Lewis & Clark College; M.A., Ph.D., University of Texas, Austin; Bridgewater College, 2009-

Grace A. Martin, Associate Professor of World Languages and Cultures; B.A., Morehead State University; Ph.D., University of Kentucky; Bridgewater College, 2015-

Jenny M. Martin, Associate Professor of Education; B.S., Eastern Mennonite University; M.A., Radford University; Ph.D., Virginia Polytechnic Institute and State University; Bridgewater College, 2014-

Eric McGregor, Associate Professor of Computer Science; B.S., Excelsior College; M.S., Wichita State; M.S., State University of New York; Ph.D., Clarkson University; Bridgewater College, 2013-

Ian J. McNeil, Associate Professor of Chemistry; B.S., Bridgewater College; Ph.D., University of North Carolina; Bridgewater College, 2013-

Erin Morris Miller, Associate Professor of Psychology; B.S., University of North Carolina-Chapel Hill; Ph.D., University of Virginia; Bridgewater College, 2011-

Ellen M. Mitchell, Associate Professor of Chemistry; B.A., Kenyon College; Ph.D., Ohio State University; Bridgewater College, 1996-

Deva O'Neil, Associate Professor of Physics; B.S., University of California, San Diego; Ph.D., University of California, Santa Cruz; Bridgewater College, 2010-

Kenneth S. Overway, Associate Professor of Chemistry; B.S., Hope College; Ph.D., Purdue University; Bridgewater College, 2003-

Kevin M. Pallister, Associate Professor of Global Politics; B.A., University of Rhode Island; M.A., Boston University; Ph.D., University of Massachusetts; Bridgewater College, 2016-

Alma P. Ramirez-Trujillo, Associate Professor of World Languages and Cultures; B.A., Benemérita Universidad Autónoma de Puebla; M.A., Ph.D., University of Western Ontario; Bridgewater College, 2016-

Christian C. Sheridan, Associate Professor of English; B.A., Williams College; M.A., Ph.D., Tufts University; Bridgewater College, 2008-

Roslyn Vargas, Associate Professor of Economics and Business Administration; B.A., Florida Atlantic University; M.S., D.B.A., Nova Southeastern University; Bridgewater College, 2017-

Randall C. Young, Associate Professor of Psychology; B.S., Denison University; M.A., University of Wisconsin; Ph.D., University of California, Berkeley; Bridgewater College, 2001-

Assistant Professors

Ahmad Alqurneh, Assistant Professor of Data Science and Analytics; BSc., Aligarh Muslic University; MSc., University of Jordan; Ph.D., University Putra Malaysia; Bridgewater College, 2022-

Derli Amaral, Jr., Assistant Professor of Engineering; BSc., M.S., Sao Paulo University; Ph.D., Southern Methodist University; Bridgewater College, 2022-

Anthony Biasello, Assistant Professor of Economics and Business Administration; B.S., University of Alabama; J.D., University of Houston; Bridgewater College, 2021-

Curtis Bradley, Assistant Professor of Psychology; B.S., Bridgewater College; M.A., James Madison University; Ph.D., East Tennessee State University; Bridgewater College, 2018-

Nicholas Erdman, Assistant Professor of Health and Human Sciences; B.S., M.S., Shenandoah University; Ph.D., University of Virginia; Bridgewater College, 2022-

Maria Paz Esguerra, Assistant Professor of History; B.A. Oberlin College; M.A., University of Minnesota-Twin Cities; Ph.D., University of Michigan; Bridgewater College, 2021-

Daniel Finseth, Assistant Professor of Economics and Business Administration; B.I.S., M.B.A., Ph.D., James Madison University; Bridgewater College, 2013-

Tracy Hough, Assistant Professor of Education; B.A., University of California; M.A., Eastern Mennonite University; Ed.D., University of Virginia; Bridgewater College, 2021-

Sevinj Iskandarova, Assistant Professor of Business Administration; M.S., Ph.D., James Madison University; Bridgewater College, 2021-

Ryan Keebaugh, Assistant Professor of Music; B.A., Bridgewater College; M.M., Shenandoah University; D.M.A., The Catholic University of America; Bridgewater College, 2020-

Curtis L. Kendall, Assistant Professor of Health and Human Sciences; B.S., Bridgewater College; M.S., James Madison University; Bridgewater College, 1984-

Shuang Li, Assistant Professor of Sociology; B.A., Zhengzhou Institute of Aeronautical Industry Management; M.A., Shanghai Maritime University; M.S., Ph.D., South Dakota State University; Bridgewater College, 2022-

Kimberly D. Lohr, Assistant Professor of Health and Human Sciences; B.S., Bridgewater College; M.S., James Madison University; Bridgewater College, 1988-

Nuraddeen Sani Nuhu, Assistant Professor of Business; B.S., M.B.A., Bayero University; Ph.D., University of Bradford; Bridgewater College, 2021-

Barnabas Otoo, Assistant Professor of Chemistry; BSc., University of Cape Coast; M.S., East Tennessee State University; Ph.D., Purdue University; Bridgewater College, 2020-

B. Michael Ray, Assistant Professor of Health and Human Sciences; B.S., M.S., University of South Carolina; Doctor of Chiropractic, Sherman College of Chiropractic; Bridgewater College, 2021-

Romana Riyaz, Assistant Professor of Computer Science; B.S., M.S., Ph.D., University of Kashmir; Bridgewater College, 2023-

Vanessa Rouillon, Assistant Professor of English; B.A., Universidad de Lima; M.A., Georgetown University; M.A., Ph.D., University of Illinois at Urbana-Champaign; Bridgewater College, 2022-

Rippa Sehgal, Assistant Professor of Chemistry; B.S., Indira Gandhi National Open University; M.S., Western Kentucky University; Ph.D., University of Toledo; Bridgewater College, 2021-

Tammy Sheehy, Assistant Professor of Health and Human Sciences; BAppSC, B.A., Otago University; M.S. Purdue University; M.A., Ph.D., West Virginia University; Bridgewater College, 2019 -

Robert Shute, Assistant Professor of Health and Human Sciences; B.S., University of Nebraska-Lincoln; M.S., Ph.D., University of Nebraska at Omaha; Bridgewater College, 2022-

Leah Washington, Assistant Professor of Health and Human Sciences; B.S., James Madison University; M.S., The George Washington University; Ph.D., University of North Carolina at Greensboro; Bridgewater College, 2019 -

Visiting Professors

Hollie Bergeron, Visiting Assistant Professor of Education; B.S., UNH Keene State College; M.Ed., Rivier University; Ed.D., Northeastern University; Bridgewater College, 2022-

Malcolm Ogden, Visiting Assistant Professor of Communication Studies; B.A., University of North Carolina at Chapel Hill; M.A., North Carolina State University; Bridgewater College, 2023-

Senior Instructors, Instructors and Practitioners in Residence

Senior Instructors

Jennifer L. Babcock, Senior Instructor of Communication Studies; B.A., University of Southern Maine; M.A., University of Maine; Bridgewater College, 2010-

Ernest D. Burzumato, Senior Instructor of Sociology; B.A., University of Memphis; M.A., Reformed Theological Seminary; M.A., University of Memphis; Bridgewater College, 2011-

Benjamin M. Erickson, Senior Instructor of Communication Studies; B.A., M.A., University of Maine; Bridgewater College, 2006-

Ashley D. Lauro, Senior Instructor of English; B.A., State University of New York; M.A., James Madison University; Bridgewater College, 2013-

Instructors and Practitioners in Residence

Ronald L. Alabanza, Practitioner in Residence of Art; B.A., George Mason University; M.F.A., Savannah College of Art and Design; Bridgewater College, 2019-

Victoria Denlinger, Instructor of Mathematics; B.S., Bridgewater College; M.Ed., James Madison University; Bridgewater College, 2012-

Valerie E. Dinger, Instructor of World Languages and Cultures; B.A., Franklin and Marshall College; M.A., Middlebury College; Bridgewater College, 2005-

Barry Flowe, Instructor of Music; B.A., Old Dominion University; M.A., Virginia Polytechnic Institute and State University; Bridgewater College, 2021-

Kara L. Folmar, Instructor of Spanish; B.A., Bridgewater College; M.A., Middlebury College; Bridgewater College, 2017-

Steven Ingham, Instructor of Communication Studies; B.A., Saginaw Valley State University; M.A., University of Cincinnati; Ph.D., Wayne State University; Bridgewater College, 2023-

Maggie Payne, Instructor of Spanish; B.A., University of Lynchburg; M.A., North Carolina State University; Bridgewater College, 2023-

Andrea D. Williams, Instructor of Mathematics; B.S., Bridgewater College; M.S., University of Virginia; Bridgewater College, 2019-

Emeritus Faculty

Phillip C. Stone, President, *Emeritus*; B.A., Bridgewater College; J.D., University of Virginia; Bridgewater College, 1994-2010

Arthur C. Hessler, Vice President for Academic Affairs and Dean of the College, *Emeritus*; B.S., University of Wisconsin; M.S., Eastern Michigan University; Ph.D., University of Vermont; Bridgewater College, 1998-2007

K. Gary Adams, Professor of Music, *Emeritus*; B.M., M.M., Baylor University; Ph.D., University of North Texas; Bridgewater College, 1982-2012

John G. Barr, Professor of Organ and Piano, *Emeritus*; B.S., Manchester College; S.M.M., S.M.D., Union Theological Seminary; Bridgewater College, 1968-2003

Paul J. Bender, Professor of Mathematics, *Emeritus*; B.S., Albright College; M.S., Ph.D., Ohio University; Bridgewater College, 1976-2016

Emmert F. Bittinger, Professor of Sociology, *Emeritus*; B.A., Bridgewater College; M.A., University of Maryland; B.D., Bethany Theological Seminary; Ph.D., University of Maryland; Bridgewater College, 1963-1988

Barbara P. Black, Professor of Foreign Languages, *Emerita*; B.A., Mary Washington College; M.A., Middlebury College; M.A., Ph.D., Tulane University; Bridgewater College, 1983-2012

Daniel W. Bly, Assistant Professor of History, *Emeritus*; B.A., Bridgewater College; M.A., Temple University; Bridgewater College, 1965-1967, 1969-2003

Richard L. Bowman, Professor of Physics, A. Leroy and Wanda H. Baker Chair of Science, *Emeritus*; B.S., Eastern Mennonite College; M.A., Kent State University; Ph.D., Oregon State University; Bridgewater College, 1986-2012

David E. Coffman, Professor of Education, *Emeritus*; B.A., Bridgewater College; M.A., Appalachian State University; Ed.D., Virginia Polytechnic Institute and State University; Bridgewater College, 1991-2012

Joseph M. Crockett, Professor of Chemistry, A. Leroy and Wanda H. Baker Chair of Science, *Emeritus*; B.S., Hampden-Sydney College; Ph.D., University of North Carolina at Chapel Hill; Bridgewater College, 1985-2020

Jon L. Dellett, Assistant Professor of Mathematics, *Emeritus*; A.B., Fort Hays Kansas State College; M.A.L.S., Wesleyan University; M.S., New Mexico State University; Bridgewater College, 1972-2004

James W. Eaton, Professor of Economics and Business Administration, *Emeritus*; B.S., M.B.A., University of Arkansas; Ph.D., University of Missouri-Columbia; Bridgewater College, 1985-2012

Catherine L. Elick, Professor of English, William Thomas Chair of Humane Letters, *Emerita*; B.A., M.A., James Madison University; Ph.D., Vanderbilt University; Bridgewater College, 1988-2017

Arthur J. Gumenik, Carman G. Blough Associate Professor of Accounting, *Emeritus*; B.A., Queens College of the City University of New York; M.A., M.S., University of Virginia; Ph.D., Virginia Commonwealth University; Bridgewater College, 1990-2014

Jean Roth Hawk, Professor of Education, *Emerita*; B.A., Bluffton College; M.S., James Madison University; Ph.D., George Peabody College for Teachers, Vanderbilt University; Bridgewater College, 2006-2019

Mary Frances Heishman, Professor of Health and Human Sciences, *Emerita*; B.A., Bridgewater College; M.A., James Madison University; Ed.D., University of Virginia; Bridgewater College, 1970-2016

Michael S. Hensley, Harry G. M. Jopson Professor of Biology, *Emeritus*; B.A., Bridgewater College; M.S., James Madison University; Ph.D., University of Tennessee; Bridgewater College, 1986-2012

Michael Hill, Harry G. M. Jopson Professor of Biology, *Emeritus*; B.S., Alabama College; M.S., Tennessee Technological University; Ph.D., University of New Hampshire; Bridgewater College, 1972-2007

Lanny W. Holsinger, Professor of Education, *Emeritus*; B.A., Bridgewater College; M.S., James Madison University; C.A.G.S., Ed.D., Virginia Polytechnic Institute and State University; Bridge water College, 1987-2004

Jesse E. Hopkins Jr., Edwin L. Turner Distinguished Professor of Music, *Emeritus*; B.S., Bridgewater College; M.M.E., James Madison University; Ed.D., Mus., University of Illinois; Bridgewater College, 1977-2012

Stephen L. Longenecker, Professor of History, *Emeritus*; B.S., Shippensburg University; M.A., West Virginia University; Ph.D., The Johns Hopkins University; Bridgewater College, 1989-2021

Ralph C. MacPhail Jr., Professor of Communication Studies, Theatre, and English, *Emeritus*; B.A., Bridgewater College; M.F.A., Virginia Commonwealth University; Bridgewater College, 1972-2005

Laura Susan Mapp, Associate Professor of Physical Education, *Emerita*; B.S., University of Richmond; M.S., University of Tennessee; Bridgewater College, 1961-1998

David K. McQuilkin, Professor of History and Political Science, *Emeritus*; B.A., Muskingum College; M.S.(L.S.), Case Western Reserve University; M.A., Ph.D., Kent State University; Bridgewater College, 1985-2009

Julia I. Morton, Associate Professor of World Languages and Cultures, *Emerita*; B.A., San Diego State University; M.A., Ph.D., Georgetown University; Bridgewater College, 2003-2016

Philip F. O'Mara, Associate Professor of English, *Emeritus*; B.A., St. John's University; M.A., Ph.D., University of Notre Dame; Bridgewater College, 1989-2008

Susan L. Piepke, Professor of Foreign Languages, *Emerita*; B.A., State University of New York; M.A., University of Rochester; M.A., D.M.L., Middlebury College; Bridgewater College, 1988-2012

Nancy W. St. John, Professor of Family and Consumer Sciences, *Emerita*; B.S., Southeast Missouri State University; M.S., Ph.D., Florida State University; Bridgewater College, 1988-2012

Grace F. Steinberg, Assistant Professor of Family and Consumer Sciences, *Emerita*; B.S., William Woods College, M.S., University of Missouri at Columbia; Bridgewater College, 1981-2008

Sarah E. Swank, Professor of Biology, *Emerita*; B.S., James Madison University; M.A., University of Virginia; Ph.D., University of Southern California; Bridgewater College, 1981-2007

Mwizenge S. Tembo, Professor of Sociology, *Emeritus*; B.A., University of Zambia; M.A., Ph.D., Michigan State University; Bridgewater College, 1990-2021

Alice L. Trupe, Professor of English, *Emerita*; B.A., M.A., Ph.D., Indiana University of Pennsylvania; Bridgewater College, 1997-2021

Gary L. Tyeryar, Professor of English, *Emeritus*; B.A., Western Maryland College; M.A., Rice University; Ph.D., University of Wisconsin; Bridgewater College, 1968-2002

Fred F. Wampler, Professor of Education, *Emeritus*; B.A., Bridgewater College; M.A., George Washington University; Ed.D., University of Maryland; Bridgewater College, 1957-1988

W. Steve Watson Jr., Associate Professor of Philosophy and Religion, Lawrance S. and Carmen C. Miller Chair of Ethics, *Emeritus*; B.A., Furman University; M.p., Southeastern Baptist Seminary; Graduate Study, Emory University; Bridgewater College, 1970-2013

John E. White, Associate Professor of Mathematics, *Emeritus*; B.A., Bridgewater College; M.S., Virginia Polytechnic Institute and State University; Bridgewater College, 1960-1963, 1965-2000

Leroy G. Williams, Professor of Computer Science, *Emeritus*; B.S., Heidelberg College, M.S., U.S. Naval Postgraduate School; Ph.D., George Mason University; Bridgewater College, 1995-2014

Departments

FILA General Education

Foundations in Liberal Arts (FILA): General Education Curriculum

At BC, the focus isn't just on selecting a major. The general education curriculum focuses on tangible skills that will prepare students for their future. The general education program is called "Foundations in Liberal Arts" or FILA. The Latin word *fila* means threads (or *fila*ments), and it is with these foundational liberal arts courses that a student weaves the fabric of their education.

The initial courses address the fundamental skills of critical inquiry, effective writing, oral communication and quantitative literacy (i.e. the first-year FILA seminar, English, communication and math).

Students also develop the ability to engage in a global society through meeting a modern language requirement, taking a class focused on learning deeply about another culture, and taking a class examining issues related to globalization.

Students engage ideas across the liberal arts areas of study by taking:

- one course in the social sciences (such as economics, political science, psychology and sociology)
- four courses in the humanities (one in fine arts, one in literature, one in history and one in philosophy or religion)
- one natural or physical science with a lab (biology, chemistry, environmental science, geology or physics)

The experience culminates in the integration of community engagement. Students take at least one course designated as experiential, which could be a May Term travel course, a practicum, experiential service-learning or other courses that has the student interact with the community outside the classroom.

FILA is flexible, giving the student a variety of choices to fulfill the requirements. This leaves room for adding an additional major, adding a minor or a concentration, studying abroad or completing an internship. Choosing the elements of a liberal arts education is a creative process, and with the courses (or threads) of FILA, the student will weave the fabric of a personalized education.

FILA-150 or FILA-350EW: FILA Seminar or FILA Integration Seminar

FILA-150 or FILA-350EW is BC's first-year/transfer student seminar. Students take this class at the very beginning of their time at BC—the fall semester of their first year.

Course topics for FILA-150 are extremely varied and diverse. Transfer students have a unique course topic as well, while Flory Fellows can choose from two honors sections.

Note: Transfer students sign up for FILA-350EW, and honors students in the Flory Fellows program have separate sections of FILA-150.

FILA-450: Personal Development Portfolio

During the senior year, students complete the senior e-portfolio. The final senior e-portfolio includes:

- A record of the student's academic achievements and community engagement experiences
- The student's current resume and cover letter
- A senior reflective essay, which shows the student's growth and development throughout the college experience

FILA Program Requirements

Master Core Skills

(Five courses, 7-13 credits)

Required Courses

Course Code	Title	Credits
ENG-110	Effective Writing	3
COMM-100	Oral Communication	3

Choose One Course from the Following

Choose FILA-350EW if a transfer student.

Course Code	Title	Credits
FILA-150	FILA Seminar	3
FILA-350EW	FILA Integration Seminar	3

Choose One Course from the Following

Course Code	Title	Credits
MATH-110	College Algebra	3
MATH-115	Mathematical Theory & Computation II	3
MATH-118	Quantitative Reasoning	3

ES Activity

Course Code	Title	Credits
	Select any ES Activity course	1

Engagement in Global Society

World Culture Through Language

(Two courses, 0–6 credits)

One course in world language at the 102, 201, or 202 level; FREN-214 or GER-214 (3 credits)
A placement credit for 202 in World Language course will exempt a student from this requirement.

Degree-seeking international students may petition the associate provost to request that their native language and proficiency in English as a second language satisfy the world culture through language requirement.

World Cultures and Global Dynamics

(Two courses, 6 credits)

One course in World Cultures (3 credits)

Requires a prerequisite of FILA-150 or FILA-350EW

Course Code	Title	Credits
ART-202	Non-Western Graphic Design	3
ART-307X	Visual Arts of Spain	3
COMM-333X	Europe Media and Culture	3
COMM-334	Intercultural Communication	3
ENG-220	American Folklife	3
ENG-224	Introduction to American Studies	3
ENG-235	Literature of Southern Africa	3
ENG-237	Contemporary Ukrainian Literature and Culture	3
ENG-243	Native American Literature and Culture	3
ENG-323X	International Culture Analysis	3
ENG-324	American Cultural History	3
ES-357X	Global Healthcare and Sport	3
FREN-305X	French Life and Cultures	3
FREN-307 / HIST-307	Cultural Memory of the World Wars	3
FREN-340	French Culture and Civilization	3
FREN-345	Modern French Cultures	3
FREN-350	Special Topics in Culture	3
GER-224W	Introduction to German Studies	3
GER-305X	German-Speaking Cultures	3
HIST-285X	Monuments, Memorials, and Museums	3
HIST-290	Medieval Europe	3
HIST-311	Early Modern Europe in the World, 1492-1789	3
HIST-318	African American History	3
HIST-321	Europe Since 1789	3
HIST-325	Modern Britain Since 1688	3
HIST-330HX	Modern Britain and Oxford	3
HIST-332	Special Topics in Global History	3
HIST-340	American Indian History	3
HIST-350	The Wars in Afghanistan	3
HIST-360	Modern Africa	3
HIST-370	Genocide	3
HIST-380	Topics in European History	3
HIST-390	War and Peace Across the Pacific	3
MUS-235	Music in Latin America	3
PHIL-328	Germanic Cultures	3
PHIL-329	Classical Cultures: Greece and Italy	3
PSCI-310	Latin American Politics	3
PWR-225X	Travel Writing	3
REL-250	Reel-World Religions: Inter-Religious Encounters in Contemporary Film	3
REL-312	Archaeology and the Bible	3
REL-315	The Lands of Bible	3
REL-340	Religions of the Near East	3

REL-350	Religions of the Far East	3
SOC-202	Cultural Anthropology	3
SOC-363	Cultures of Japan	3
SPAN-300	Special Cultural Topics in English	3
SPAN-305	Culture of Costa Rica	3
SPAN-308X	Spanish Life and Culture	3
SPAN-340	Spanish Culture and Civilization	3
SPAN-345	Latin American Culture and Civilization	3
SPAN-351	Latin American Science Fiction	3
SPAN-352W	Hispanic Masculinities	3

One course in Global Dynamics (3 credits)

Requires a prerequisite of FILA-150 or FILA-350EW

Course Code	Title	Credits
BIOL-215	Biology of Human Diversity & Pseudoscience of Racism	3
ECON-310	U.S. Economics & Business History	3
ECON-440	International Economics	3
ENG-221	The Images of "folk" in Literature	3
FREN-300	Special Cultural Topics in English	3
GER-300	Special Topics in English	3
GER-434	German Culture Through Film	3
HDFS-250	International Food & Nutrition	3
HIST-270	The Second World War in Global Perspective	3
HIST-305	India Past and Present	3
HIST-335	Women's History in Asia	3
PSCI-205 / SOC-205	Global Identities	3
PSCI-230	Introduction to Global Politics	3
PSCI-240	Introduction to Comparative Politics	3
PSCI-315	Politics of the Global South	3
PSCI-335W	Peace, War and World Politics	3
PSCI-336	United Nations	3
PSCI-338X	Politics of Social Change	3
PSCI-360	Population, Immigration, and Politics	3
PSCI-365E	Politics of Human Rights	3
PSCI-370	Issues in Global Politics	3
PSCI-440W	Global Political Economy	3
REL-215X	Basics of Interfaith Engagement	3
REL-251X	Israel-Palestine: People, Places, Perspectives, Peace	3
SOC-208E	Food Politics	3
SOC-331	Cultural Theory at the Movies	3
SOC-333	Racial and Ethnic Studies	3
SOC-334	Gender and Sexuality Studies	3
SOC-335	Immigrants in the Shenandoah Valley	3
SOC-336X	Immigrant Food Cultures of New York City	3
SPAN-301X	Hispanic Migrations Through Film and Literature	3
SPAN-304X	Peruvian Life and Culture	3
SPAN-307X	Cuban Life & Culture	3
SPAN-309X	Argentinean Life and Culture	3

Engagement of Ideas Across the Disciplines

One course in Fine Arts and Music (3 credits)

Requires a prerequisite or corequisite of a master core skills course

Course Code	Title	Credits
ART-115	Introduction to Sculpture	3
ART-130	Introduction to Drawing	3
ART-200	Survey of Art History (prehistory to 1400)	3
ART-201	Survey of Art History (1400 to Present)	3
ART-300	Modern & Post-Modern Art	3
ART-301W	Perspectives on Contemporary Art	3
ART-310	Ceramic Sculpture	3
ART-311	Wheel Thrown Ceramics I	3
ART-315	Wood Sculpture	3
ART-316	Metal Sculpture	3
ART-323	Graphic Design	3
ART-328	The Book Arts	3
ART-331	Collage and Assemblage	3
ART-335	Painting	3
ART-344	Photography	3
ART-346	Studio Photography	3
ART-347	Videography I	3
FREN-355	Special Topics in Fine Arts	3
MUS-110	Music Fundamentals	3
MUS-111	Music Fundamentals at the Piano	3
MUS-220	Introduction to Western Music	3
MUS-233 / SOC-233	Social History of Jazz in America	3
MUS-271	Music in Film	3
SPAN-355	Special Topics in Fine Arts	3
SPAN-356	Hispanic Cinema	3
THEA-200	Theatre Production: Costumes and Scenery	3
THEA-210	Theatre Production: Lighting and Sound	3
THEA-225	Scenic Painting	3
THEA-250	World Theatre History I	3
THEA-255	World Theatre History II	3
THEA-315X	Theatre in London	3
THEA-325	Acting	3
THEA-330	Directing	3
THEA-345	Acting: Styles and Techniques	3
THEA-355	Environmental Theatre	3
THEA-370X	Special Topics in Theatre	3

One course in Literature (3 credits)

Requires a prerequisite or corequisite of a master core skills course

Course Code	Title	Credits
	Any course in English (ENG) numbered 201-204 or 325-400	3
ENG-334W / GER-334W	German Literature in Translation	3
ENG-335W / FREN-335W	French Literature in Translation	3
ENG-360W / THEA-360W	Modern Drama	3
ENG-362W / THEA-362W	Contemporary Drama	3
FREN-401W	Survey of French Literature I	3
FREN-402W	Survey of French Literature II	3
FREN-403W	Survey of Francophone Literature	3
SPAN-401	Spanish Literature	3
SPAN-402	Latin American Literature	3

One course in History (3 credits)

Requires a prerequisite or corequisite of a master core skills course

Course Code	Title	Credits
HIST-105	World History to 1500	3
HIST-110	World History Since 1500	3
HIST-112	Introduction to World History	3
HIST-115	20th Century World History	3
HIST-120	The Pacific World	3
HIST-125	The Atlantic World, 1450-1800	3
HIST-135	History of the Islamic World	3

One course in Philosophy or Religion (3 credits)

Requires a prerequisite or corequisite of a master core skills course

Course Code	Title	Credits
ECON-420	Development of Economic Thought	3
FREN-360E	Introduction to French Thought	3
PHIL-210	Philosophical Questions	3
PHIL-225E	Contemporary Moral and Political Problems	3
PHIL-228E	Philosophy of Popular Culture	3
PHIL-235E	Bioethics	3
PHIL-300 / REL-300	Topics in Philosophy and Religion	3
PHIL-310	Logic	3
PHIL-318E	Philosophical Ethics	3
PHIL-320E	Professional Ethics	3
PHIL-322EW	Ethics and Identity	3
PHIL-330 / REL-330	African, Latin American and Native American Thought	3
PHIL-331EW	Ancient and Medieval Western Philosophy	3
PHIL-332W	Modern Philosophy	3
PHIL-333W	Contemporary Philosophy	3
PHIL-335	Philosophy of Religion	3
PHIL-337W	Philosophy of Science	3
PHIL-340E	Environmental Ethics	3
PHIL-420W	Postmodernism	3
PSCI-220E	Introduction to Political Philosophy	3
PSCI-401E	Contemporary Political Thought	3
PSCI-402E	Philosophy of Law and Jurisprudence	3
PSCI-405E	Foundations of American Political Thought	3
REL-180	Religions and Nature	3
REL-210X	Study of Religious Traditions	3
REL-220	New Testament	3
REL-310	Jesus in History and Culture	3
REL-316W	Medieval Women's Spirituality	3
REL-317 / HIST-317	History of the Christian Church	3
REL-318E	Religious Ethics	3
REL-325X	The Uses and Abuses of Christian Scripture	3
REL-326	Readings in the Hebrew Scripture	3
REL-331W	Christian Beliefs	3
REL-332W	Reformation Thought	3
REL-333W	Contemporary Christian Thought	3
REL-335E	Christian Perspectives on Violence and Peace	3
REL-420EW	Christian Social Ethics	3

One course in the Social Sciences (3 credits)

Requires a prerequisite or corequisite of a master core skills course

Course Code	Title	Credits
COMM-375	Media Effects	3
ECON-200	Principles of Macroeconomics	3
ECON-210	Principles of Microeconomics	3
HDFS-319	Interpersonal & Marital Relationships	3
PSCI-210	Politics & Government in the United States	3
PSCI-215	Introduction to Public Policy	3
PSCI-280	Lying and Lie Detection	3
PSY-101	General Psychology	3
SOC-101	Sociological Imagination	3

One course in the Natural & Physical Sciences (4 credits)

Requires a prerequisite or corequisite of MATH-110, MATH-115 or MATH-118

Course Code	Title	Credits
BIOL-100	The Nature of the Biological World	4
BIOL-110	Principles of Biology I	4
CHEM-102 / GEOL-102	Earth Science	4
CHEM-161	General Chemistry I	4
ENVR-101	Introduction to Environmental Sciences	4
GEOL-130	Physical Geology	4
PHYS-110	Introductory Astronomy	4
PHYS-119	Physics and the Modern World	4
PHYS-125	Concepts of Physics	4

The Integration of Skills and Ideas

(Four courses, 1–10 credits)

One course in Writing Intensive (0-3 credits)

Requires a prerequisite of FILA-150 or FILA-350EW and ENG-110

Course Code	Title	Credits
ART-301W	Perspectives on Contemporary Art	3
BUS-412W	Professional Selling	3
BUS-414W	Consumer Behavior	3
BUS-416W	Advertising	3
COMM-255W / PWR-255W	Introduction to News Writing	3
ENG-332W	Arthurian Literature	3
ENG-334W / GER-334W	German Literature in Translation	3
ENG-335W / FREN-335W	French Literature in Translation	3
ENG-345W	Literature for Children	3
FILA-350EW	FILA Integration Seminar	3
FREN-401W	Survey of French Literature I	3
FREN-402W	Survey of French Literature II	3
FREN-403W	Survey of Francophone Literature	3
GER-224W	Introduction to German Studies	3
MUS-380W	Exploration of Western Music	3
PHIL-322EW	Ethics and Identity	3
PHIL-331EW	Ancient and Medieval Western Philosophy	3
PHIL-332W	Modern Philosophy	3
PHIL-333W	Contemporary Philosophy	3
PHIL-337W	Philosophy of Science	3
PHIL-420W	Postmodernism	3
PSCI-335W	Peace, War and World Politics	3
PSCI-420W	International Law & Organization	3
PSCI-440W	Global Political Economy	3
PWR-227W	Food Writing	3
PWR-312W	Technical Writing	3
PWR-313W	Writing for Business	3
PWR-318W	Writing for Visual Media	3
PWR-325WX	Special Topics in Public Writing	3
REL-316W	Medieval Women's Spirituality	3
REL-327W / ENG-327W	Biblical Themes in Literature	3
REL-331W	Christian Beliefs	3
REL-332W	Reformation Thought	3
REL-333W	Contemporary Christian Thought	3
REL-420EW	Christian Social Ethics	3
SOC-302W	Contemporary Social Theory	3
SOC-368W	Sociology of the Family	3
SPAN-352W	Hispanic Masculinities	3
THEA-360W / ENG-360W	Modern Drama	3
THEA-362W / ENG-362W	Contemporary Drama	3

One course in Ethical Reasoning (0-3 credits)

Requires a prerequisite of FILA-150 or FILA-350EW and ENG-110

Course Code	Title	Credits
COMM-349EX	Non-Profit Communication	3
COMM-410E	Communication Law and Ethics in a Digital Age	3
EDUC-371E	Classroom Management, Elementary	4
EDUC-372E	Classroom Management, Secondary	4
FILA-350EW	FILA Integration Seminar	3
FREN-360E	Introduction to French Thought	3
PHIL-225E	Contemporary Moral and Political Problems	3
PHIL-228E	Philosophy of Popular Culture	3
PHIL-235E	Bioethics	3
PHIL-318E	Philosophical Ethics	3
PHIL-320E	Professional Ethics	3
PHIL-322EW	Ethics and Identity	3
PHIL-331EW	Ancient and Medieval Western Philosophy	3
PHIL-340E	Environmental Ethics	3
PSCI-220E	Introduction to Political Philosophy	3
PSCI-290E	Aesthetics, Philosophy and Politics	3
PSCI-365E	Politics of Human Rights	3
PSCI-401E	Contemporary Political Thought	3
PSCI-402E	Philosophy of Law and Jurisprudence	3
PSCI-405E	Foundations of American Political Thought	3
PSY-475E	Neuroethics	3
REL-318E	Religious Ethics	3
REL-335E	Christian Perspectives on Violence and Peace	3
REL-420EW	Christian Social Ethics	3
SOC-208E	Food Politics	3
SOC-210E	Foundations of Community Engagement	3
SOC-255EX	Introduction to Social Welfare Systems	3
SOC-316E	True Crime Sociology	3
SOC-366E	Sociology of Birth and Death	3
SOC-370E	Sociology of Religion	3

One course in Experiential Learning (3 credits)

Requires a prerequisite or corequisite of a master core skills course

These 1-credit courses require that 2 prerequisite credits be earned in the same course:
COMM/PWR-131X (prerequisite: 2 credits in COMM/PWR-131)
MUS-441X Concert Choir (prerequisite: 2 credits in MUS-441)
MUS-442X Chorale (prerequisite: 2 credits in MUS-442)
MUS-443X Symphonic Band (prerequisite: 2 credits in MUS-443)
MUS-444X Jazz Band (prerequisite: 2 credits in MUS-444)
MUS-449X Marching Band (prerequisite: 2 credits in MUS-449)

Course Code	Title	Credits
ART-305X	Museums and Galleries	3
ART-307X	Visual Arts of Spain	3
BIOL-257X	Marine Ecology	3
BIOL-302X	Medical Terminology	3
BUS-305X	International Business and Entrepreneurship	3
BUS-365X	Cross-Cultural Issues in Business	3
BUS-422X	Entrepreneurship	3
BUS-478X	Strategic Management	3
COMM-131X / PWR-131X	News Practicum	1
COMM-256X	News Practicum	3
COMM-331X	The Television & Film Studio System	3
COMM-333X	Europe Media and Culture	3
COMM-349EX	Non-Profit Communication	3
COMM-370X	Heroes, Flutes, and Ghosts: Stories and Opera	3
COMM-365X	Rhetoric of the Civil Rights Movement	3
COMM-481X	Media Field Experience	3
EDUC-380X	Practicum in Current Teaching Techniques	3
ENG-322X	Interpreting the Built Environment	3
ENG-323X	International Culture Analysis	3
ENVR-330X	Introduction to Geographical Information Systems	3
EQU-350X	International Equine Breeding, Training and Management	3
ES-300X	Personal and Community Health	3
ES-357X	Global Healthcare and Sport	3
FREN-305X	French Life and Cultures	3
GER-305X	German-Speaking Cultures	3
HIST-268X	The Civil War in the Shenandoah Valley	3
HIST-285X	Monuments, Memorials, and Museums	3
HIST-302X	American Presidential Leadership: Virginia Dynasty	3
HIST-330HX	Modern Britain and Oxford	3
MUS-309X	Audio Production	3
MUS-441X	Concert Choir	1
MUS-442X	Chorale	1
MUS-444X	Jazz Ensemble	1
MUS-449X	Marching Band	1
PHIL-485X / REL-485X	Gender Studies Practicum	3
PSCI-338X	Politics of Social Change	3
PSY-481X	Practicum in Applied Psychology	3
PWR-225X	Travel Writing	3
PWR-325WX	Special Topics in Public Writing	3
REL-210X	Study of Religious Traditions	3
REL-215X	Basics of Interfaith Engagement	3
REL-251X	Israel-Palestine: People, Places, Perspectives, Peace	3
REL-325X	The Uses and Abuses of Christian Scripture	3
SOC-255EX	Introduction to Social Welfare Systems	3
SOC-336X	Immigrant Food Cultures of New York City	3
SOC-337X	Food Systems of the Shenandoah Valley	3
SOC-338X	Introduction to Material Culture Studies	3
SOC-339X	Food Cultures of Italy	3
SOC-401X	Community Action	3
SOC-481X	Field Experience in Social Welfare	3
SOC-484X	Professional Practicum in Law Enforcement	18
SOC-483X	Senior Practicum in Crime and Justice	3
SPAN-301X	Hispanic Migrations Through Film and Literature	3
SPAN-304X	Peruvian Life and Culture	3
SPAN-307X	Cuban Life & Culture	3
SPAN-308X	Spanish Life and Culture	3
SPAN-309X	Argentinean Life and Culture	3
SPAN-316X	Spanish Translation for the Professions	3
THEA-315X	Theatre in London	3
THEA-370X	Special Topics in Theatre	3

A course (minimum 3 credits) completed through the College's semester study abroad program.

A course (minimum 3 credits) completed through the College's semester at the Smithsonian Conservation Biology Institution.

Internship (480X)

Integration of Skills and Ideas (1 credit)

Course Code	Title	Credits
FILA-450	Personal Development Portfolio	1

Art

The Department of Art offers introductory and advanced courses in ceramics, design, drawing, painting, photography, sculpture, videography and art history. All students, regardless of major, are welcome in art courses, as visual art is for and about everyone.

The art department offers two majors.

First, the traditional art major (studio focus) provides a concentrated hands-on experience that promotes deep learning in art and broad skill development across the college curriculum. Students majoring in art study a range of art media and processes while mastering at least one in depth. Flexibility is a crucial advantage of the art major's compact size, allowing and encouraging students to easily pursue second majors and minors in other disciplines.

Second, the Art Department also offers a major in Digital Media Arts. While introducing the world to the iPad2 in March 2011, Apple co-founder Steve Jobs remarked, "Technology alone is not enough. It is technology married with liberal arts, married with the humanities that yields the results that make our hearts sing." Since the launch of Google (1998), Facebook (2004), Youtube (2005), Twitter (2006), iPhone (2008), and the iPad (2010), the need for experts in creating digital media content has dramatically increased. Today, we live in an age where nearly every type of organization needs employees who are skilled in the art of video production, photography, and web-design. The Digital Media Arts major teaches the theories and skills necessary for many of these types of careers. Students enrolled in this major often consider a second major in areas such as Professional Writing or Communication, Technology and Culture."

The various art department programs support many student interests, including:

- Visual art as a personal interest and commitment
- Careers in teaching, visual communication and art
- Graduate study in art and design
- Study in art combined with career ambitions in other fields
- Experimenting with art for the first time

Art

Degree Type
Bachelor of Arts - Major

Major Requirements

Requires a bachelor of arts degree and consists of a minimum of 36 semester hours distributed as follows.

Note: Students may not double major in Art and Digital Media Arts.

Foundation

Two Courses (6 credits)

Course Code	Title	Credits
ART-120	Introduction to Visual Design	3
ART-130	Introduction to Drawing	3

Art History

Three Courses (9 credits)

Required Course

Course Code	Title	Credits
ART-201	Survey of Art History (1400 to Present)	3

Choose One Course From the Following

Course Code	Title	Credits
ART-200	Survey of Art History (prehistory to 1400)	3
ART-202	Non-Western Graphic Design	3

Choose One Course From the Following

Course Code	Title	Credits
ART-300	Modern & Post-Modern Art	3
ART-301W	Perspectives on Contemporary Art	3

Studio Focus

Select five studio courses including at least one Advanced Studio course from the following (15 credits):

Course Code	Title	Credits
ART-310	Ceramic Sculpture	3
ART-311	Wheel Thrown Ceramics I	3
ART-315	Wood Sculpture	3
ART-316	Metal Sculpture	3
ART-322	Web Design and Development	3
ART-323	Graphic Design	3
ART-328	The Book Arts	3
ART-330	Intermediate Drawing	3
ART-331	Collage and Assemblage	3
ART-335	Painting	3
ART-344	Photography	3
ART-346	Studio Photography	3
ART-347	Videography I	3
ART-451	Advanced Art Studio 1	3
ART-452	Advanced Art Studio 2	3
ART-470	Special Topics	3
ART-480X	Internship	3
ART-490	Independent Study	3

Capstone

Two courses (6 credits):

Course Code	Title	Credits
ART-453	Advanced Art Studio 3	3
ART-461	Professional Practices	3
	Total Credits	**42**

Digital Media Arts

Degree Type
Bachelor of Arts - Major

Major Requirements

Requires a bachelor of arts degree and consists of a minimum of 36 semester hours distributed as follows.

Note: Students majoring in Digital Media Arts may not major or minor in Art.

Foundation

Two courses (6 credits):

Course Code	Title	Credits
ART-120	Introduction to Visual Design	3
ART-130	Introduction to Drawing	3

Context

Three courses (9 credits):

Choose One Course from Each of the Following

Course Code	Title	Credits
ART-202	Non-Western Graphic Design	3
COMM-240	Contemporary Media Industries	3

Course Code	Title	Credits
ART-300	Modern & Post-Modern Art	3
ART-301W	Perspectives on Contemporary Art	3

Course Code	Title	Credits
COMM-410E	Communication Law and Ethics in a Digital Age	3
PWR-319	Publishing and Marketing	3

Production

Select five production courses including at least one Advanced Studio course (15 credits):

Course Code	Title	Credits
ART-322	Web Design and Development	3
ART-323	Graphic Design	3
ART-328	The Book Arts	3
ART-344	Photography	3
ART-346	Studio Photography	3
ART-347	Videography I	3
ART-455	Advanced Digital Media Arts Studio 1	3
ART-456	Advanced Digital Media Arts Studio 2	3
ART-470	Special Topics	3
ART-480X	Internship	3
MUS-309X	Audio Production	3

Capstone

Two courses (6 credits):

Course Code	Title	Credits
ART-457	Advanced Digital Media Arts Studio 3	3
ART-461	Professional Practices	3
	Total Credits	**36**

Art Minor

Degree Type
Minor

Minor Requirements

Consists of a minimum of 18 semester hours distributed as follows:

Foundation

Two courses (6 credits):

Course Code	Title	Credits
ART-120	Introduction to Visual Design	3
ART-130	Introduction to Drawing	3

Art History

Select one course (3 credits):

Course Code	Title	Credits
ART-200	Survey of Art History (prehistory to 1400)	3
ART-201	Survey of Art History (1400 to Present)	3
ART-300	Modern & Post-Modern Art	3
ART-301W	Perspectives on Contemporary Art	3

Studio Focus

Select two courses (6 credits):

Course Code	Title	Credits
ART-310	Ceramic Sculpture	3
ART-311	Wheel Thrown Ceramics I	3
ART-315	Wood Sculpture	3
ART-316	Metal Sculpture	3
ART-322	Web Design and Development	3
ART-323	Graphic Design	3
ART-328	The Book Arts	3
ART-331	Collage and Assemblage	3
ART-335	Painting	3
ART-344	Photography	3
ART-346	Studio Photography	3
ART-347	Videography I	3

Capstone

Select one course (3 credits):

Course Code	Title	Credits
ART-451	Advanced Art Studio 1	3
ART-455	Advanced Digital Media Arts Studio 1	3
	Total Credits	**18**

Endorsement in Visual Arts (P-12)

Degree Type
Teacher Licensure

Requires the same education course sequence as for secondary licensure. Refer to the Teacher Education Program.

Biology & Environmental Science

The Department of Biology and Environmental Science is located in the McKinney Center of Science and Mathematics. The department offers introductory and advanced courses to provide students with broad discipline foundation. The rapid expansion of the biological sciences assures bright futures for well-prepared biologists and environmental scientists.

The biology major allows students maximum preparation and flexibility. A minor in biology is recommended for students who want to pair experiences in life science while pursuing another major. Students may also select a biology major with a secondary teacher education endorsement in preparation for teaching grades 6-12. In addition, the department offers minors in biology, biomedical sciences, environmental science, and wildlife biology. Students also work with faculty mentors via internships, study abroad, field work and summer research opportunities.

The environmental science major is closely tied to studies in biology, and students may double major in biology and environmental science. The environmental science curricula takes advantage of rapidly expanding knowledge in ecology, molecular and cell biology, environmental chemistry and instrumentation to prepare students for the myriad career paths in this area.

Students majoring in biology or environmental science find employment directly after graduation as life science or earth science teachers, laboratory technicians, health professionals, pharmaceutical salespersons, and in environmental professions including the Virginia Department of Environmental Quality. With graduate or professional degrees, Bridgewater alumni go on to successful careers as physicians, veterinarians, dentists, foresters, wildlife biologists, research scientists, environmental planners and genetic counselors.

Biology

Degree Type
Bachelor of Science - Major

Major Requirements

Consists of a minimum of 43 credits of courses in biology, chemistry and mathematics. Students choose one of two tracks: General Biology, or Secondary Education.

Core Courses

The following core courses are required for each track, consisting of 26 credits:

Course Code	Title	Credits
BIOL-110	Principles of Biology I	4
BIOL-111	Principles of Biology II	4
BIOL-309	Genetics	4
BIOL-430	Evolution	3
CHEM-161	General Chemistry I	4
CHEM-162	General Chemistry II	4

Choose One Course From the Following

Course Code	Title	Credits
MATH-130	Survey of Calculus	3
MATH-133	Calculus I	4

The remaining credits come from the tracks as follows (students choose one track):

Track 1-General Biology

Consists of 17 to 20 credits chosen from the following areas plus 2 elective BIOL courses numbered 300 or higher.

Cell Biology/Physiology (1 course)

Course Code	Title	Credits
BIOL-311 / ENVR-311	Animal Physiology	4
BIOL-314	Human Physiology	4
BIOL-325	Molecular Biology of the Cell	4
BIOL-360	Environmental Physiology	4

Ecology (1 course)

Course Code	Title	Credits
BIOL-350	Ecology	4
BIOL-401 / ENVR-401	Environmental Microbiology	4
BIOL-435 / ENVR-435	Freshwater Ecology	4

Organismal Biology (1 course)

Course Code	Title	Credits
BIOL-316	Ornithology: the Biology of Birds	4
BIOL-320	Developmental Biology	3
BIOL-321	Herpetology	4
BIOL-322	Mammalogy	4
BIOL-335	Field Botany	3
BIOL-340	Botany	4
BIOL-400	Microbiology	4
BIOL-403	Pathogenic Microbiology	4
BIOL-420	Plant Taxonomy	4
BIOL-433 / ENVR-433	Biology & Management of Fishes	4
BIOL-440	Animal Behavior	4

Electives

Two elective BIOL courses numbered 300 or higher.

Track 2-Biology Secondary Education

This track is for students interested in pursuing licensure in biology education. Interested students should also see the Teacher Education Program section of the catalog for education curriculum requirements.

Consists of 20 credits chosen from the following areas:

Cell Biology/Physiology (1 course)

Course Code	Title	Credits
BIOL-311 / ENVR-311	Animal Physiology	4
BIOL-314	Human Physiology	4
BIOL-325	Molecular Biology of the Cell	4

Ecology (1 course)

Course Code	Title	Credits
BIOL-350	Ecology	4

Organic Chemistry (1 course)

Course Code	Title	Credits
CHEM-250	Fundamental Organic Chemistry	4
CHEM-305	Organic Chemistry I	4

Earth Science (1 course)

Course Code	Title	Credits
CHEM-102 / GEOL-102	Earth Science	4
GEOL-130	Physical Geology	4

Physics (1 course)

Course Code	Title	Credits
PHYS-125	Concepts of Physics	4
PHYS-218	College Physics I	4
PHYS-221	General Physics I	4
	Total Credits	**44**

For the elective BIOL courses in the tracks, only 3 credits may be chosen from BIOL-460, BIOL-461, BIOL-462, BIOL-490, BIOL-491 or BIOL-499, while Internship (BIOL-480X) cannot be used to meet this requirement. Students wishing to double major in biology and environmental science or in chemistry and environmental science may not overlap or double count the electives selected on the environmental science plan of major to the other major.

Environmental Science

Degree Type
Bachelor of Science - Major

Major Requirements

The bachelor of science degree in environmental science consists of 47–50 credits of courses in biology, chemistry and mathematics. The following courses are required (38 credits):

Required Courses

Course Code	Title	Credits
BIOL-110	Principles of Biology I	4
BIOL-111	Principles of Biology II	4
BIOL-350	Ecology	4
CHEM-161	General Chemistry I	4
CHEM-162	General Chemistry II	4
ENVR-101	Introduction to Environmental Sciences	4
ENVR-301 / BIOL-301	Principles of Environmental Science	4

Choose One Course from Each of the Following

Course Code	Title	Credits
MATH-130	Survey of Calculus	3
MATH-133	Calculus I	4

Course Code	Title	Credits
MATH-140	Introduction to Statistics	3
BIOL-330	Biostatistics	3

Course Code	Title	Credits
ENVR-270	Chemistry of the Environment	4
ENVR-320	Analytical Environmental Chemistry	4

Remaining 9-12 credits

The remaining 9-12 credits must come from three additional ENVR, BIOL, or CHEM courses numbered above 300 from the following list:

Course Code	Title	Credits
BIOL-316	Ornithology: the Biology of Birds	4
BIOL-321	Herpetology	4
BIOL-322	Mammalogy	4
BIOL-330	Biostatistics	3
BIOL-335	Field Botany	3
BIOL-340	Botany	4
BIOL-360	Environmental Physiology	4
BIOL-365 / ENVR-365	Field Biology & Natural History	4
BIOL-420	Plant Taxonomy	4
BIOL-422	Biogeography	3
BIOL-440	Animal Behavior	4
ENVR-305	Natural Resource & Environmental Law	3
ENVR-320	Analytical Environmental Chemistry	4
ENVR-330X	Introduction to Geographical Information Systems	3
ENVR-401 / BIOL-401	Environmental Microbiology	4
ENVR-402 / BIOL-402	Conservation Biology	4
ENVR-433 / BIOL-433	Biology & Management of Fishes	4
ENVR-435 / BIOL-435	Freshwater Ecology	4
ENVR-460	Special Topics	3
GEOL-330	Soil and Hydrogeology	3

Three credits may be used from ENVR-460, ENVR-461, ENVR-462, ENVR-490, ENVR-491, or ENVR-499 as electives while Internship (ENVR-480X) cannot be used. Students wishing to double major in biology and environmental science or in chemistry and environmental science may not overlap or double count the electives selected in the environmental science plan of major to the other major.

	Total Credits	**47-50**

Biology

Degree Type
Minor

Minor Requirements

Consists of 21-24 credit hours including the following courses:

Required Courses

Course Code	Title	Credits
BIOL-110	Principles of Biology I	4
BIOL-111	Principles of Biology II	4
BIOL-309	Genetics	4
	3 additional 300-400 level BIOL elective courses	9-12
	Total Credits	**21-24**

For the elective BIOL courses, only 3 credits may be chosen from BIOL-460, BIOL-490, BIOL-491 or BIOL-499, while Internship (BIOL-480X) cannot be used to meet this requirement.

NOTE: Only two courses may overlap with a major or any other minor.

Biomedical Sciences

Degree Type
Minor

Minor Requirements

Students enrolled in the Biomedical Sciences minor are students interested in post-graduate programs in a wide variety of healthcare fields including medicine, veterinary medicine, dentistry, optometry, physical and occupational therapy, physician's assistant and medical lab science. Students would tailor the minor, in consultation with their advisor, to ensure they select the courses needed for their post baccalaureate goals.

Required Courses:

Course Code	Title	Credits
BIOL-210	Pre-Health Seminar	1

(pre-requisites are sophomore level and 2.8 GPA)

Physical & Chemical Science Sequence:

Choose one of the following groups:

Course Code	Title	Credits
CHEM-125	Fundamentals of Inorganic Chemistry	4
CHEM-250	Fundamental Organic Chemistry	4

Course Code	Title	Credits
CHEM-305	Organic Chemistry I	4
CHEM-306	Organic Chemistry II	4

Course Code	Title	Credits
PHYS-218	College Physics I	4
PHYS-219	College Physics II	4

Course Code	Title	Credits
PHYS-221	General Physics I	4
PHYS-222	General Physics II	4

Cell & Molecular Electives:

Choose any two courses:

Course Code	Title	Credits
	Biochemistry I & Biochemistry II	3-4
BIOL-309	Genetics	4
	Animal Physiology & Human Physiology	4
BIOL-325	Molecular Biology of the Cell	4

Biomedical Science Electives:

Choose any two courses:

Course Code	Title	Credits
BIOL-302X	Medical Terminology	3
BIOL-305	Introduction to Human Anatomy	4
BIOL-308	Domestic Animal Nutrition	3
BIOL-310	Histology	4
BIOL-320	Developmental Biology	3
BIOL-400	Microbiology	4
BIOL-410	Immunology	4
BIOL-412	Comparative Vertebrate Anatomy	4
BIOL-440	Animal Behavior	4
CHEM-362	Medicinal Chemistry	3

NOTE: Only one of the courses from each elective category can overlap with a major or any other minor.

	Total Credits	**22-25**

Environmental Science

Degree Type
Minor

Minor Requirements

Consists of 21-24 credit hours including the following courses:

Required Courses:

Course Code	Title	Credits
ENVR-101	Introduction to Environmental Sciences	4
ENVR-301 / BIOL-301	Principles of Environmental Science	4
BIOL-350	Ecology	4

Electives:

Choose three courses from this list, at least two must have an ENVR prefix or cross-listing

Course Code	Title	Credits
BIOL-316	Ornithology: the Biology of Birds	4
BIOL-321	Herpetology	4
BIOL-322	Mammalogy	4
BIOL-335	Field Botany	3
BIOL-340	Botany	4
BIOL-420	Plant Taxonomy	4
BIOL-440	Animal Behavior	4
ENVR-270	Chemistry of the Environment	4
ENVR-320	Analytical Environmental Chemistry	4
ENVR-305	Natural Resource & Environmental Law	3
ENVR-311 / BIOL-311	Animal Physiology	4
ENVR-330X	Introduction to Geographical Information Systems	3
ENVR-401 / BIOL-401	Environmental Microbiology	4
ENVR-402 / BIOL-402	Conservation Biology	4
ENVR-433 / BIOL-433	Biology & Management of Fishes	4
ENVR-435 / BIOL-435	Freshwater Ecology	4
ENVR-460	Special Topics	3

NOTE: Only two courses may overlap with a major or any other minor.

	Total Credits	21-24

Wildlife Biology

Degree Type
Minor

Minor Requirements

The wildlife biology allows students wanting the breadth of the biology or environmental science major to also focus in areas of wildlife biology and management. The program offers directed study in wildlife management and techniques, botany, zoology, and policy and ethics. This program along with the biology or environmental science major and the general education requirements supports students wishing to pursue careers with state and federal agencies, graduate degree programs in wildlife biology, as well as those who wish to pursue Wildlife Biologist Certification through the Wildlife Society.

The requirements are as follows:

Required Courses:

Course Code	Title	Credits
ENVR-334	Wildlife Management	3
BIOL-434W / ENVR-434W	Wildlife Ecology and Techniques	4

Conservation & Policy:

Choose one course:

Course Code	Title	Credits
ENVR-305	Natural Resource & Environmental Law	3
BIOL-402 / ENVR-402	Conservation Biology	4

Plant Biology:

Choose one course:

Course Code	Title	Credits
BIOL-335	Field Botany	3
BIOL-340	Botany	4
BIOL-420	Plant Taxonomy	4

Animal Biology:

Choose one course:

Course Code	Title	Credits
BIOL-316	Ornithology: the Biology of Birds	4
BIOL-321	Herpetology	4
BIOL-322	Mammalogy	4
BIOL-433 / ENVR-433	Biology & Management of Fishes	4

Quant. & Comp. Biology:

Chose one course:

Course Code	Title	Credits
DSA-225	Statistical Methods With R	3
BIOL-330	Biostatistics	3
ENVR-330X	Introduction to Geographical Information Systems	3

Elective:

Choose one course:

Course Code	Title	Credits
BIOL-309	Genetics	4
BIOL-311 / ENVR-311	Animal Physiology	4
BIOL-325	Molecular Biology of the Cell	4
BIOL-401 / ENVR-401	Environmental Microbiology	4
BIOL-440	Animal Behavior	4
BIOL-480X	Internship	3
ENVR-480X	Internship	3
BIOL-490	Independent Study	3
ENVR-490	Independent Study	3
BIOL-491	Research	3
ENVR-491	Research	3
BIOL-499	Honors Project	3
ENVR-499	Honors Project	3
PWR-312W	Technical Writing	3

Or any additional course from the lists above that have NOT been taken already.

NOTE: Only two courses may overlap with a major or any other minor.

	Total Credits	23-26

Endorsement in Biology (6-12)

Degree Type
Teacher Licensure

Students majoring in Biology, Secondary Education Track, can be eligible for teacher licensure at the secondary level (6-12) by also completing the courses in the teacher education program. As early as possible, contact Dr. Jenny Martin, coordinator for secondary education at jmmartin@bridgewater.edu or 540-828-5662 for further information.

Clinical Laboratory Sciences

This program allows qualified students to seek early admission to the Sentara RMH School of Medical Laboratory Science or the Augusta Health School of Clinical Laboratory Science. If granted admission, it is the responsibility of the student to complete the following prior to entering this program:

- The courses required for the Biology major with a minimum GPA of 2.0, including prerequisite courses for the Laboratory Science Program
- The general education program requirements, including FILA-450
- A minimum of 91 credit hours towards graduation, with a minimum cumulative GPA of 2.0

Upon completing this 12-month professional program with minimum grades of C in each course, the College will transfer 32 semester hours of credit to the student's record to complete requirements for earning a bachelor's degree from the College.

The Smithsonian-Mason Semester for Conservation Studies

Bridgewater College is a member institution of the Smithsonian-Mason Semester which is run by George Mason University out of the Smithsonian Conservation Biology Institute (SCBI) in Front Royal, Va. In this program, students live on the SCBI campus (a world-class conservation research facility) and learn about the theory and application of conservation biology (including the social, political and economic dimensions). Students participate in one of two 16 credit hour programs: Wildlife Ecology and Conservation or Conservation, Biodiversity and Society (for any student interested in conservation). Interested students should visit the program's website (smconservation.gmu.edu/programs/undergraduate) and contact the Department of Biology and Environmental Science.

Both programs are appropriate for juniors and seniors. There are no specific prerequisite classes for Conservation, Biodiversity and Society. That program is open to all majors. The Wildlife Ecology and Conservation semester has Ecology (BIOL-350) as a prerequisite.

Dual Degree Programs

The department has pursued dual degree programs with other institutions. These include veterinary medicine with Virginia Tech and clinical laboratory sciences with Sentara RMH and Augusta Health.

NOTE: Participation in the dual degree program does NOT guarantee acceptance into or graduation from Virginia Tech's veterinary program.

Qualified students may apply for early admission to the Virginia-Maryland College of Veterinary Medicine at Virginia Tech or another accredited veterinary program. If accepted, the student may earn the bachelor's degree in biology from Bridgewater College by fulfilling the following requirements:

- Complete all courses required for the biology major with a cumulative major GPA of at least 2.0;
- Complete all courses required for the general education program, including FILA 450, with an overall GPA of at least 2.0;

- Complete any remaining credits required for graduation from Bridgewater College with a grade of "C" or better while enrolled in an accredited veterinary medicine program.

Chemistry & Biochemistry

The Department of Chemistry and Biochemistry provides a solid foundation in the basic areas of chemistry (analytical, organic, inorganic, physical and biochemical) for a student preparing for graduate or professional school, an industrial career or a career in chemical education.

The departmental curriculum is intended to foster an increasing sense of independence in the student. Students build a firm understanding of chemical principles in general chemistry (first year) and organic chemistry (second year). In the junior and senior years, students take classes from each member of the department who specialize in different areas of chemistry, resulting in chemistry graduates who are well-prepared for graduate school or an industrial career in the sciences.

Although all majors in the department provide students with pathways to outstanding careers, the Biochemistry major is a popular choice for those students interested in medical school, pharmacy school, or various types of biomedical graduate programs. Students complete a rigorous schedule of chemistry, biology and general education courses in order to satisfy the prerequisites of their desired pre-professional program. Students generally apply to medical or pharmacy schools after their third or fourth year at Bridgewater, but planning should begin as soon as possible to ensure all criteria are successfully met. Interested students should contact the chair of the Department of Chemistry.

Biochemistry

Degree Type
Bachelor of Science - Major

Major Requirements

Consists of 51-52 credit hours including the following courses:

Required Courses

Course Code	Title	Credits
BIOL-110	Principles of Biology I	4
BIOL-111	Principles of Biology II	4
BIOL-325	Molecular Biology of the Cell	4
CHEM-161	General Chemistry I	4
CHEM-162	General Chemistry II	4
CHEM-305	Organic Chemistry I	4
CHEM-380	Instrumental Analysis	4
CHEM-415	Physical Chemistry for the Life Sciences	3
CHEM-460	Capstone Seminar	2
BCHM-356	Biochemistry I With Lab	4
BCHM-455	Biochemistry II	3

Choose one course from each of the following sections:

Course Code	Title	Credits
CHEM-306	Organic Chemistry II	4
CHEM-310	Organic Chemistry II & Spectroscopy	5

Course Code	Title	Credits
MATH-130	Survey of Calculus	3
MATH-133	Calculus I	4

Course Code	Title	Credits
PHYS-218	College Physics I	4
PHYS-221	General Physics I	4
	Total Credits	**51-52**

Students may not double major in biochemistry and biology or chemistry.

Students may not major in biochemistry and minor in biology.

Chemistry

Degree Type
Bachelor of Science - Major

Major Requirements

Consists of 47-50 credit hours including the following courses:

Required Courses

Course Code	Title	Credits
CHEM-161	General Chemistry I	4
CHEM-162	General Chemistry II	4
CHEM-305	Organic Chemistry I	4
CHEM-310	Organic Chemistry II & Spectroscopy	5
CHEM-370	Advanced Inorganic Chemistry	4
CHEM-380	Instrumental Analysis	4
CHEM-415	Physical Chemistry for the Life Sciences	3
CHEM-427	Physical Chemistry of Solutions with Laboratory	4
CHEM-460	Capstone Seminar	2
MATH-130	Survey of Calculus	3
MATH-133	Calculus I	4
PHYS-221	General Physics I	4

Two additional courses chosen from the following

Course Code	Title	Credits
CHEM-350	Introduction to Quantum and Statistical Mechanics	3
CHEM-360	Advanced Organic Chemistry	3
CHEM-365	Computational Chemistry	3
CHEM-385	Forensic Chemistry	4
CHEM-435	Advanced Physical Chemistry	3
CHEM-450	Special Topics	3
BCHM-355	Biochemistry I	3
BCHM-356	Biochemistry I With Lab	4
BCHM-455	Biochemistry II	3

Students cannot take both BCHM-355 and BCHM-356. One or the other is allowed.

	Total Credits	**47-50**

Chemistry

Degree Type
Minor

Minor Requirements

The program consists of 6 courses (a core of 3 required and 3 electives) for a total of 22-25 credits. The chemistry minor allows non-chemistry majors to personalize their studies in chemistry beyond the foundational courses in General and Organic Chemistry allowing for the development of additional analytical skills and the exploration of advanced concepts and applications to support their personal and professional goals.

Required Courses

Course Code	Title	Credits
CHEM-161	General Chemistry I	4
CHEM-162	General Chemistry II	4
CHEM-305	Organic Chemistry I	4

Electives

Choose three courses from the following:

Course Code	Title	Credits
	CHEM-306 or CHEM-310	4-5
	Chemistry courses numbered CHEM-340 to CHEM-450	
	Biochemistry courses numbered BCHM-340 to BCHM-460	

NOTE: Students may not major in Biochemistry and minor in Chemistry.

	Total Credits	**22-25**

Endorsement in Chemistry (6-12)

Degree Type
Teacher Licensure

Students majoring in Chemistry can be eligible for teacher licensure at the secondary level (6-12) by also completing the courses in the teacher education program. As early as possible, contact Dr. Jenny Martin, coordinator for secondary education at jmmartin@bridgewater.edu or 540-828-5662 for further information.

General Education Requirement

The following courses satisfy Bridgewater College's general education requirement for natural and physical sciences:

GEOL/CHEM-102 Earth and its Environment
CHEM-161 General Chemistry I
GEOL-130 Physical Geology

Chemistry Course Prerequisites

MATH-110 or MATH-118 is a prerequisite for CHEM-125.
MATH-110 is a prerequisite for any CHEM course numbered above 125.
MATH-130 or MATH-133 is a prerequisite for all CHEM courses numbered 350 or above

Graduate School

Graduate school preparation should include MATH-134.

Communication Studies & Theatre

The Department of Communication Studies and Theatre offers students the opportunity to study human communication practices in a variety of contexts. The department offers two majors—in communication, technology and culture and in theatre—and two minors—in communication studies and theatre—that each balance theoretical understanding with practical skills. The communication, technology and culture major focuses on ways in which ever-changing technological advances are impacting communication practices. The program provides a strong theoretical understanding of communication processes in a technology-based culture, including practical training that will allow students to become effective media practitioners. Courses examine both practical and theoretical approaches to the study of communication such as historical developments, policy implications, the influence of mass media and communication technologies, interpersonal relationships, and connections between communication and power relationships.

Students will learn how the methods of social science help us adapt messages across a variety of rhetorical situations. Communication courses are taught in an interactive manner combining lectures, discussion, in-class activities and hands-on experience. Students conduct theoretical and field research, write various types of academic and professional papers, design public relations campaigns, create blogs and deliver public presentations. In addition to working on their own, students in communication courses work in collaboration with other students gaining valuable teamwork skills.

Students majoring in communication, technology and culture are prepared for careers in a diverse group of occupations, such as public relations, advertising, sales, management, journalism and human resources. The major also helps prepare students for graduate studies.

The theatre major incorporates both theoretical and practical application of theatrical study and theatrical practice. The major in theatre seeks to foster a sense of wonder and excitement in students and community members, while continually asking: what is the role of the theatre and theatre artist in society, whether it be campus, a city, the nation, or the world? A fundamental keystone is that lessons learned in the classroom and on the stage have application in the "real world". Students learn how to take ideas and realize them through application of theatrical production and presentation. As an interdisciplinary field of study, the theatre major draws from many sources and disciplines and seeks to highlight how they can inform each other, along with a vigorous schedule of productions that put theory into practice.

Theatre

Degree Type
Bachelor of Arts - Major

Major Requirements

Consists of a minimum of 37 credits.

Core Courses

25 credits consisting of the following courses:

Course Code	Title	Credits
MUS-203	Voice	1
THEA-250	World Theatre History I	3
THEA-255	World Theatre History II	3
THEA-320	Improvisation	3
THEA-325	Acting	3
THEA-330	Directing	3
THEA-370X	Special Topics in Theatre	3
THEA-450	Theatre Capstone	3

Choose One Course

Course Code	Title	Credits
THEA-200	Theatre Production: Costumes and Scenery	3
THEA-210	Theatre Production: Lighting and Sound	3

Production Laboratory/Applied Performance

Students participating in Theatre at Bridgewater College performances/productions work as performers, technical theatre assistants, stage managers, assistant directors, and other production positions. May be repeated for credit.

Complete 3 credits from the following:

Course Code	Title	Credits
THEA-310	Production Laboratory/Applied Performance (Acting, Movement)	1
THEA-311	Production Laboratory/Applied Performance (Lighting, Costumes and Makeup, Scenic Painting, Scenery and Props, Technical Direction, and Sound)	1
THEA-312	Production Laboratory/Applied Performance (Stage Management, Dramaturgy, Assistant Directing)	1

Theatre Practice and Design

Choose 2 courses (6 credits) from list below, with at minimum 1 course with THEA suffix, or other course(s) approved by department.

Course Code	Title	Credits
ART-120	Introduction to Visual Design	3
ART-130	Introduction to Drawing	3
ART-335	Painting	3
ART-347	Videography I	3
THEA-225	Scenic Painting	3
THEA-315X	Theatre in London	3
THEA-345	Acting: Styles and Techniques	3
THEA-370X	Special Topics in Theatre	3
THEA-480X	Internship	3
THEA-490	Independent Study	3
THEA-491	Research	3
THEA-499	Honors Project	3

May choose one course from each of the following for Theater Practice and Design:

Course Code	Title	Credits
MUS-110	Music Fundamentals	3
MUS-225	Theory and Aural Skills I	3

Course Code	Title	Credits
THEA-200	Theatre Production: Costumes and Scenery	3
THEA-210	Theatre Production: Lighting and Sound	3

History, Theory and Criticism

Choose 1 course (3 credits) from list below or other course(s) approved by department.

Course Code	Title	Credits
THEA-355	Environmental Theatre	3
THEA-360W / ENG-360W	Modern Drama	3
THEA-362W / ENG-362W	Contemporary Drama	3
THEA-365 / ENG-365	Studies in Drama	3
ENG-330	Shakespeare	3
ENG-400	Seminar in a Major Literary Figure	3
THEA-490	Independent Study	3
THEA-491	Research	3
THEA-499	Honors Project	3
	Total Credits	**37**

Communication, Technology, and Culture

Degree Type

Bachelor of Science - Major

Major Requirements

Consists of a minimum of 48 credits:

Required Courses

21 credits consisting of the following courses:

Course Code	Title	Credits
COMM-230	Communication Technologies: History, Culture, and Society	3
COMM-240	Contemporary Media Industries	3
COMM-255W / PWR-255W	Introduction to News Writing	3
COMM-327	Interpersonal Communication	3
COMM-350	Research Methods in Communication	3
COMM-400	Applied Communication Theory	3

Choose One Course from the Following

Course Code	Title	Credits
COMM-347	Strategic Public Relations	3
COMM-305 / PWR-305	Multimedia Reporting and Writing	3

Academic Citizenship Courses

Choose one of the following (3 credits):

Course Code	Title	Credits
COMM-315	Persuasion	3
COMM-325	Communication in the Organization	3
COMM-410E	Communication Law and Ethics in a Digital Age	3
COMM-420	Political Campaigning in Virtual Environments	3

Advanced Public Speaking/Performance Courses

Choose one of the following (3 credits):

Course Code	Title	Credits
COMM-345	Argumentation and Debate	3
THEA-320	Improvisation	3
THEA-325	Acting	3
THEA-355	Environmental Theatre	3

Visual Design Courses

Choose one of the following (3 credits):

(COMM-481X and COMM-490 requires visual design focus with departmental approval)

Course Code	Title	Credits
ART-120	Introduction to Visual Design	3
ART-322	Web Design and Development	3
ART-323	Graphic Design	3
ART-344	Photography	3
ART-347	Videography I	3
COMM-481X	Media Field Experience	3
COMM-490	Independent Study	3
THEA-200	Theatre Production: Costumes and Scenery	3

COMM-481X Media Field Experience with visual design focus, must be approved by department.

COMM-490 Independent Study with visual design focus, must be approved by department.

Experiential Courses

Choose two of the following (6 credits):

COMM/PWR-131X requires that 2 prerequisite credits be earned in the same course.

Course Code	Title	Credits
ART-455	Advanced Digital Media Arts Studio 1	3
COMM-131X / PWR-131X	News Practicum	1
COMM-256X	News Practicum	3
COMM-481X	Media Field Experience	3
COMM-490	Independent Study	3
THEA-210	Theatre Production: Lighting and Sound	3

COMM-490 with department approval.

May choose one course from the following for Experiential courses:

Course Code	Title	Credits
COMM-331X	The Television & Film Studio System	3
COMM-333X	Europe Media and Culture	3
THEA-315X	Theatre in London	3
COMM-365X	Rhetoric of the Civil Rights Movement	3
COMM-370X	Heroes, Flutes, and Ghosts: Stories and Opera	3

Electives

An additional 12 credit hours are required from the following list of courses (only 6 credits may be taken from courses without the COMM prefix):

All courses designated COMM (except COMM-100)

Course Code	Title	Credits
ART-120	Introduction to Visual Design	3
ART-322	Web Design and Development	3
ART-323	Graphic Design	3
ART-344	Photography	3
ART-347	Videography I	3
PWR-201	Introduction to Professional Writing	3
PWR-311	Creative Writing	3
PWR-312W	Technical Writing	3
PWR-318W	Writing for Visual Media	3
	Total Credits	**48**

Communication Studies

Degree Type
Minor

Minor Requirements

Consists of a minimum of 18 credits.

Required Courses

(9 credits)

Course Code	Title	Credits
COMM-230	Communication Technologies: History, Culture, and Society	3
COMM-240	Contemporary Media Industries	3
COMM-327	Interpersonal Communication	3

Plus 9 additional credits

Course Code	Title	Credits
	Choose any other 9 credits with a COMM prefix (other than COMM-100)	9
	Total Credits	**18**

Theatre

Degree Type
Minor

Minor Requirements

Consists of 21 credits.

Required Courses

9 credits of the following:

Choose One Course from Each of the Following

Course Code	Title	Credits
THEA-200	Theatre Production: Costumes and Scenery	3
THEA-210	Theatre Production: Lighting and Sound	3

Course Code	Title	Credits
THEA-325	Acting	3
THEA-345	Acting: Styles and Techniques	3

Course Code	Title	Credits
THEA-250	World Theatre History I	3
THEA-255	World Theatre History II	3

3 credits chosen from the following:

Course Code	Title	Credits
THEA-310	Production Laboratory/Applied Performance (Acting, Movement)	1
THEA-311	Production Laboratory/Applied Performance (Lighting, Costumes and Makeup, Scenic Painting, Scenery and Props, Technical Direction, and Sound)	1
THEA-312	Production Laboratory/Applied Performance (Stage Management, Dramaturgy, Assistant Directing)	1

Theatre Practice and Design

Choose 2 courses (6 credits) from the list below, with at minimum 1 course with THEA suffix, or other course(s) approved by department.

Course Code	Title	Credits
ART-120	Introduction to Visual Design	3
ART-130	Introduction to Drawing	3
ART-335	Painting	3
ART-347	Videography I	3
THEA-225	Scenic Painting	3
THEA-315X	Theatre in London	3
THEA-370X	Special Topics in Theatre	3
THEA-480X	Internship	3
THEA-490	Independent Study	3
THEA-491	Research	3
THEA-499	Honors Project	3

May choose one course from each of the following for Theater Practice and Design:

Course Code	Title	Credits
MUS-110	Music Fundamentals	3
MUS-225	Theory and Aural Skills I	3

Course Code	Title	Credits
THEA-200	Theatre Production: Costumes and Scenery	3
THEA-210	Theatre Production: Lighting and Sound	3

History, Theory and Criticism

Choose 1 course (3 credits) from list below or other course(s) approved by department.

Course Code	Title	Credits
THEA-355	Environmental Theatre	3
THEA-360W / ENG-360W	Modern Drama	3
THEA-362W / ENG-362W	Contemporary Drama	3
ENG-330	Shakespeare	3
ENG-400	Seminar in a Major Literary Figure	3
THEA-480X	Internship	3
THEA-490	Independent Study	3
THEA-491	Research	3
THEA-499	Honors Project	3
	Total Credits	**21**

Add-On Endorsement in Journalism

Degree Type
Teacher Licensure

(15 Credits)

Required Courses

COMM/PWR-131X requires that 2 prerequisite credits be earned in the same course.

Course Code	Title	Credits
COMM-255W / PWR-255W	Introduction to News Writing	3
COMM-131X / PWR-131X	News Practicum	1
COMM-240	Contemporary Media Industries	3
COMM-410E	Communication Law and Ethics in a Digital Age	3

Elective Courses

Choose one of the following courses:

Course Code	Title	Credits
ART-322	Web Design and Development	3
ART-344	Photography	3
ART-347	Videography I	3

Endorsement in Theatre Arts (P-12)

Degree Type
Teacher Licensure

Endorsement Requirements

Consists of the education course sequence required for secondary licensure and the following courses:

Course Code	Title	Credits
THEA-200	Theatre Production: Costumes and Scenery	3
THEA-250	World Theatre History I	3
THEA-255	World Theatre History II	3
THEA-325	Acting	3
THEA-330	Directing	3

Choose One Course from the Following

Course Code	Title	Credits
THEA-360W / ENG-360W	Modern Drama	3
THEA-362W / ENG-362W	Contemporary Drama	3
	Total Credits	**18**

Theatre Arts Education Licensure (P-12)

Degree Type
Teacher Licensure

The same education course sequence as for secondary. Also, refer to the Department of Communication Studies and Theatre section of this catalog for the required theatre course sequence.

Economics & Business Administration

The George S. Aldhizer II Department of Economics and Business Administration offers two majors—economics and business administration—that prepare students to pursue managerial and other professional careers as well as graduate education. We build on the liberal arts foundation provided by the College's general education program and give each student the knowledge, skills and experience to become a successful and ethical leader, capable of making valued contributions to his or her workplace, society and self.

Through a combination of lectures, discussions, case analyses, team projects and presentations, and other in-class activities, courses are designed to integrate economic and business theory and practice; encourage independent and critical thinking using both qualitative and quantitative reasoning; and develop skills in decision making and implementation, teamwork and collaboration, and all forms of communication. Experiential learning opportunities abound through internships, study abroad programs and participation in student organizations, to supplement classroom learning.

The economics major consists of 14 courses in economics and mathematics. Economics majors may choose among three tracks: business, government policy and preparation for graduate school via additional mathematics courses. Economics majors can also earn an emphasis in financial economics.

The business administration major consists of 15 courses in business, economics and mathematics. To gain greater depth in a particular area of business, many students pursue one of the four concentrations we offer in the business administration major: accounting, finance, marketing and organization management. By taking additional courses, in one of these areas, students build specialization on the solid foundation provided by the business administration major.

In addition to the previously mentioned majors, the department also offers minors in business administration, certified financial planning, and economics.

Business Administration

Degree Type
Bachelor of Arts - Major

Major Requirements

Consists of 45 credit hours (15 three-credit courses), comprised of the following 13 required courses:

Required Courses

Course Code	Title	Credits
BUS-120	Survey of Business	3
MATH-140	Introduction to Statistics	3
ECON-200	Principles of Macroeconomics	3
ECON-210	Principles of Microeconomics	3
BUS-201	Principles of Accounting I	3
BUS-202	Principles of Accounting II	3
BUS-211	Principles of Finance	3
BUS-300	Principles of Organization Management	3
BUS-310	Principles of Marketing	3
BUS-330	Principles of Information Systems	3
BUS-350	Business Law	3

Choose One Course From Each of the Following

Course Code	Title	Credits
BUS-340	Management Science	3

Course Code	Title	Credits
BUS-422X	Entrepreneurship	3
BUS-478X	Strategic Management	3

Plus 6 additional credits

Course Code	Title	Credits
	6 additional credits in ECON or BUS courses numbered 300 or above	6

Credits for BUS-480X, ECON-480X, ECON-490, ECON-491, and ECON-499 may not be applied to the requirements for the major in business administration.

	Total Credits	**45**

Students double-majoring in business administration and economics are not eligible to select the business track for the economics major.

Economics

Degree Type
Bachelor of Arts - Major

Major Requirements

Consists of 42 credits (14 three-credit courses), comprised of 27 credits from the following nine required courses.

Required Courses

Course Code	Title	Credits
MATH-140	Introduction to Statistics	3
ECON-200	Principles of Macroeconomics	3
ECON-210	Principles of Microeconomics	3
ECON-300	Money & Banking	3
ECON-330	Government & Business	3
ECON-400	Intermediate Macroeconomics Theory	3
ECON-410	Intermediate Microeconomics Theory	3
ECON-440	International Economics	3
ECON-460	Senior Seminar	3

Plus 15 additional credits

Course Code	Title	Credits
	15 additional credits in ECON courses numbered 300 or above	15

Or, 9 additional credits in ECON courses numbered 300 or above and one of the following tracks:

Business Track

Consists of 6 credits (2 three-credit courses), chosen from:

Course Code	Title	Credits
BUS-201	Principles of Accounting I	3
BUS-202	Principles of Accounting II	3
BUS-300	Principles of Organization Management	3

Government Policy Track

Consists of 6 credits (2 three-credit courses), chosen from:

Course Code	Title	Credits
PSCI-210	Politics & Government in the United States	3
PSCI-230	Introduction to Global Politics	3
PSCI-420W	International Law & Organization	3

Graduate School Preparation Track

Consists of 6 credits (2 three-credit courses):

Course Code	Title	Credits
MATH-131	Calculus I	3
MATH-132	Calculus II	3

Students who choose this option should consider taking additional courses beyond MATH-132 as well.

	Total Credits	**42**

Credits for ECON-480X, ECON-490, ECON-491 and ECON-499 may not be applied to the requirements for the major in economics.

Business Administration

Degree Type
Minor

Minor Requirements

Consists of 24 credits (8 three-credit courses):

Required Courses

Course Code	Title	Credits
BUS-120	Survey of Business	3
ECON-200	Principles of Macroeconomics	3
ECON-210	Principles of Microeconomics	3
BUS-201	Principles of Accounting I	3
BUS-202	Principles of Accounting II	3
BUS-300	Principles of Organization Management	3
BUS-310	Principles of Marketing	3

Plus 3 additional credits

Course Code	Title	Credits
	3 additional credits in ECON or BUS courses numbered 300 or above	3

Credits for BUS or ECON-480X, ECON-490, ECON-491 and ECON-499 may not be applied to the requirements for the minor in business administration.

	Total Credits	**24**

Certified Financial Planning

Degree Type
Minor

The Certified Financial Planning (CFP) minor prepares students who are interested in pursuing a career in assisting others in meeting their financial objectives. Successful completion of an undergraduate degree and the minor in CFP will allow graduates to be eligible for taking the national examination to become a Certified Financial Planner. Program content for the minor is taken through Bridgewater College's partnership with Lower Cost Models Consortium (LCMC) in coordination with RIZE Education, Inc (RIZE).

Required Courses:

The minor in Certified Financial Planning consists of the following 7 courses.

Course Code	Title	Credits
BUS-391	General Principles of Financial Planning	3
BUS-392	Risk Management and Insurance Planning	3
BUS-393	Investment Planning	3
BUS-394	Tax Planning	3
BUS-395	Retirement Savings and Income Planning	3
BUS-396	Estate Planning	3
BUS-397	Financial Plan Development	3
	Total Credits	**21**

Economics

Degree Type
Minor

Minor Requirements

Consists of 24 credits (8 three-credit courses):

Required Courses

Course Code	Title	Credits
MATH-140	Introduction to Statistics	3
ECON-200	Principles of Macroeconomics	3
ECON-210	Principles of Microeconomics	3
ECON-400	Intermediate Macroeconomics Theory	3
ECON-410	Intermediate Microeconomics Theory	3

Plus 9 additional credits

Course Code	Title	Credits
	9 additional credits in ECON course numbered 300 or above	9
	Total Credits	**24**

Credits for ECON-480X, ECON-490, ECON-491 and ECON-499 may not be applied to the requirements for the minor in economics.

Accounting

Degree Type
Concentration

Concentration Requirements

Consists of 18 credit hours. Majors in business administration may pursue an concentration in accounting. The concentration consists of 18 core credits. Six credits from the concentration may be applied to the requirements for the major.

Required Courses

Course Code	Title	Credits
BUS-371	Intermediate Accounting I	3
BUS-372	Intermediate Accounting II	3
BUS-375	Accounting Information Systems	3
BUS-380	Introduction to Tax	3
BUS-385	Intermediate Managerial Accounting / Data Analytics	3
BUS-405	Auditing	3

Specializations

To comply with the National Association of State Boards of Accountancy (NASBA) and the American Institute of Certified Public Accountants (AICPA) rules for candidates sitting for the CPA exam, students should supplement the accounting concentration with selection of the Business Analysis and Reporting or Tax Compliance and Planning Specialization.

Business Analysis & Reporting Specialization:

Course Code	Title	Credits
BUS-400	Advanced Accounting	3
BUS-401	Advanced Managerial Accounting / Data Analytics	3

Tax Compliance & Planning Specialization

Course Code	Title	Credits
BUS-381	Individual Compliance and Planning	3
BUS-382	Entity Compliance and Planning	3

Majors pursuing careers in public accounting: To sit for the Certified Public Accountant (CPA) exam in Virginia, the Virginia Board of Accountancy requires candidates to accumulate these minimums:

120 credit hours in a baccalaureate degree that includes: 30 credit hours of accounting courses, and 24 credit hours of (non-accounting) business courses.

To become a licensed CPA in Virginia, the Virginia Board of Accountancy requires candidates to complete 150 credit hours of education, plus the full-time equivalent of one year of relevant accounting experience.

CPA licensing requirements vary by state. If you plan to pursue CPA licensure outside Virginia, please visit that state's Board of Accountancy website for that state's requirements.

Finance

Degree Type
Concentration

Concentration Requirements

Consists of 18 credits. Majors in business administration may pursue an concentration in finance. 6 credits from the concentration may be applied to the requirements for the major.

Required Courses

Course Code	Title	Credits
ECON-300	Money & Banking	3
ECON-440	International Economics	3
BUS-371	Intermediate Accounting I	3
BUS-372	Intermediate Accounting II	3
BUS-430	Investments	3
BUS-448	Financial Statement Analysis and Equity Valuation	3
	Total Credits	**18**

Financial Economics

Degree Type
Concentration

Concentration Requirements

Consists of 18 credits. Majors in economics can acquire additional depth in finance by pursuing the concentration in financial economics. 6 credits from the concentration may be applied to the requirements for the economics major.

Required Courses

Course Code	Title	Credits
BUS-201	Principles of Accounting I	3
BUS-202	Principles of Accounting II	3
BUS-211	Principles of Finance	3
BUS-371	Intermediate Accounting I	3
BUS-430	Investments	3
BUS-448	Financial Statement Analysis and Equity Valuation	3
	Total Credits	**18**

Students choosing to double major in economics and business administration may not earn both the financial economics concentration in economics and the finance concentration in business administration.

Marketing

Degree Type
Concentration

Concentration Requirements

Consists of 18 credits. Majors in business administration may pursue an concentration in marketing. 6 credits from the concentration may be applied to the requirements for the major.

Core Courses

Course Code	Title	Credits
BUS-315	Marketing Research	3
BUS-416W	Advertising	3
BUS-468	Contemporary Issues in Business	3

Choose One Course From the Following

Course Code	Title	Credits
BUS-412W	Professional Selling	3
COMM-315	Persuasion	3

Plus 6 credits from the following electives:

Course Code	Title	Credits
ART-322	Web Design and Development	3
BUS-414W	Consumer Behavior	3
COMM-347	Strategic Public Relations	3
ECON-410	Intermediate Microeconomics Theory	3
COMM-325	Communication in the Organization	3
COMM-327	Interpersonal Communication	3
COMM-332	American Television & Culture	3
COMM-334	Intercultural Communication	3
COMM-335	Communicating Sex and Gender	3
COMM-340	Representations of Gender, Race & Class	3
COMM-345	Argumentation and Debate	3
	Total Credits	**18**

Organization Management

Degree Type
Concentration

Concentration Requirements

Consists of six courses (18 credits). Majors in business administration may pursue an concentration in organization management. 6 credits from the concentration may be applied to the requirements for the major.

Required Courses

(6 credits)

Course Code	Title	Credits
BUS-420	Human Resource Management	3
BUS-468	Contemporary Issues in Business	3

One course from the following

(3 credits)

Course Code	Title	Credits
PHIL-320E	Professional Ethics	3
PHIL-322EW	Ethics and Identity	3
PHIL-340E	Environmental Ethics	3

One or two courses from the following

(3 or 6 credits)

Course Code	Title	Credits
ECON-310	U.S. Economics & Business History	3
ECON-320	Labor Economics	3
ECON-330	Government & Business	3
ECON-440	International Economics	3

One or two courses from the following

(3 or 6 credits)

Course Code	Title	Credits
BUS-305X	International Business and Entrepreneurship	3
BUS-365X	Cross-Cultural Issues in Business	3
BUS-422X	Entrepreneurship	3
BUS-478X	Strategic Management	3
COMM-315	Persuasion	3
COMM-325	Communication in the Organization	3
COMM-327	Interpersonal Communication	3
COMM-334	Intercultural Communication	3
COMM-347	Strategic Public Relations	3
ES-456	Management Concepts in Health Care	3
PSCI-380	Public Administration	3
PHIL-367 / SOC-367	Conflict Transformation	3

If not previously taken in the major requirements- BUS-422X or BUS-478X.

	Total Credits	**18**

Engineering & Physics

The major in Engineering prepares students for a challenging and rewarding career in mechanical engineering, robotics, aerospace, electrical systems and

technology, or manufacturing. Students graduate with career-ready skills in 3D modeling, mathematics, computer-aided design and fabrication, electronics and control systems, and mechanical design.

Students in the Engineering Major may choose an optional concentration in mechatronics or mechanical engineering. Completion of a concentration requires that students complete a selection of specific courses from the list of Engineering electives and one additional course, allowing students to explore engineering disciplines more deeply while developing knowledge and practical skills necessary for successful careers or graduate study in these areas.

In addition to the major, the department offers several courses in astronomy and physics that meet the general education needs of non-science majors.

Engineering

Degree Type
Bachelor of Science - Major

The Engineering major requires completion of the following courses totaling 75-76 credit hours. The program is designed such that it meets ABET engineering accreditation guidelines and has at least 45 credits in engineering and computer science courses and 30 credits in mathematics and sciences courses.

Required Courses

Course Code	Title	Credits
MATH-133	Calculus I	4
MATH-134	Calculus II	4
MATH-233	Calculus III	4
MATH-331	Differential Equations	3
MATH-210	Introduction to Linear Algebra	3
CHEM-161	General Chemistry I	4
PHYS-221	General Physics I	4
PHYS-222	General Physics II	4
ENGR-101	Foundations of Engineering I	2
ENGR-102	Foundations of Engineering II	3
ENGR-303	Circuit Analysis	3
ENGR-304	Statics	3
ENGR-306	Signals and Systems	3
ENGR-488	Senior Project in Engineering I	1
ENGR-489	Senior Project in Engineering II	2

Choose One Course

Course Code	Title	Credits
CSCI-101	Programming I	4
CSCI-130	Programming with Python	3

Elective Courses

Choose at least 25 credits from the following courses:

Course Code	Title	Credits
CSCI-210	Discrete Mathematics	3
ENGR-305	Dynamics	3
ENGR-331	Thermodynamics	3
ENGR-332	Fluid Mechanics	3
ENGR-334	Mechanics of Materials	4
ENGR-336	Mechanical Design and Manufacturing With CAD	3
ENGR-339	Mechanical Vibrations	3
ENGR-401	Computational Applied Physics With Machine Learning	3
ENGR-461	Electronics	3
ENGR-464	Digital Electronics	3
ENGR-477	Introduction to Mechatronics Applications	3
ENGR-478	Control Systems	3
	Total Credits	**75-76**

Mechanical Engineering

Degree Type
Concentration

Required Courses

Students may obtain an Mechanical Engineering concentration by taking the following 7 courses. Six of these courses (all but ENGR-333) count towards the 25 credits of electives needed for the Engineering Major.

Course Code	Title	Credits
ENGR-305	Dynamics	3
ENGR-331	Thermodynamics	3
ENGR-332	Fluid Mechanics	3
ENGR-333	Heat and Mass Transfer	3
ENGR-334	Mechanics of Materials	4
ENGR-336	Mechanical Design and Manufacturing With CAD	3
ENGR-339	Mechanical Vibrations	3
	Total Credits	**22**

Mechatronics Engineering

Degree Type
Concentration

Required Courses

Students may obtain a Mechatronics Engineering concentration by taking the following 7 courses. Six of these courses (all but CSCI-102) count towards the 25 credits of electives needed for the Engineering Major.

Course Code	Title	Credits
CSCI-102	Programming II	4
CSCI-210	Discrete Mathematics	3
ENGR-305	Dynamics	3
ENGR-461	Electronics	3
ENGR-464	Digital Electronics	3
ENGR-477	Introduction to Mechatronics Applications	3
ENGR-478	Control Systems	3
	Total Credits	**22**

English

Students majoring in English engage in close study of a wide range of literature, from traditionally valued American and English works to new literature representing many cultures. Similarly, students majoring in Professional Writing choose among many courses to develop their talents in exposition and analysis and to do creative work. Students in both majors typically develop their skills in writing, speech and research, as well as their analytical and aesthetic judgments as readers. Their overall study of both the historical development and current usage of the English language helps them to become effective writers and editors.

The English major is a good basis for further graduate study in literature, the ministry and all levels of education. The Professional Writing major prepares students for writing and for professional careers in editing, law, and government, as well as for work in journalism and for entrepreneurial, managerial and executive work requiring skill in oral and written communication. Such fields as public relations, marketing, personnel management, sales and leadership in nonprofit agencies may also welcome both majors. The American studies minor offers students the opportunity to explore American culture from an interdisciplinary perspective while introducing them to a growing international academic field.

Alumni of Bridgewater College's English department currently work in a diversity of fields. These graduates include attorneys, technical writers, grant writers, librarians, teachers of English as a second language, sportswriters, reporters, editors and teachers at elementary, secondary and college levels.

Majoring in English or Professional Writing can lay the foundation for rich lifelong reading and writing experiences, as well as prepare students for a variety of careers.

English

Degree Type
Bachelor of Arts - Major

Major Requirements

Consists of a minimum of 30 credits and includes 6 core courses (totaling 18 credits), plus 4 elective courses (totaling 12 credits).

Core Courses

Course Code	Title	Credits
ENG-200	Introduction to English Studies	3
	300-level PWR course	3

Choose Three Courses from the Following

Genre-focused courses:

Course Code	Title	Credits
ENG-364	Studies in Short Fiction	3
ENG-365 / THEA-365	Studies in Drama	3
ENG-366	Studies Novel	3
ENG-367	Special Topic in a Literary Genre	3
ENG-368	Studies Poetry	3

Senior Capstone Experience

Course Code	Title	Credits
ENG-460 / PWR-460	Senior Capstone Experience	3

Plus Four ENG Courses

Course Code	Title	Credits
	Four ENG courses numbered 201 and above	12
	Total Credits	**30**

Professional Writing

Degree Type
Bachelor of Arts - Major

Major Requirements

Consists of a minimum of 36 credits and includes seven core courses (totaling 21 credits), plus five elective courses (totaling 15 credits).

Core Courses

Course Code	Title	Credits
PWR-201	Introduction to Professional Writing	3
PWR-311	Creative Writing	3
PWR-318W	Writing for Visual Media	3
PWR-319	Publishing and Marketing	3
PWR-460 / ENG-460	Senior Capstone Experience	3

Choose 2 Courses

Course Code	Title	Credits
PWR-275	Grammar, Style & Editing	3
PWR-312W	Technical Writing	3
PWR-313W	Writing for Business	3

Elective Courses

Choose five courses from the following (15 credits):

PWR/COMM-131X requires that 2 prerequisite credits be earned in the same course.

Course Code	Title	Credits
PWR-131X / COMM-131X	News Practicum	1
PWR-225X	Travel Writing	3
PWR-227W	Food Writing	3
PWR-255W / COMM-255W	Introduction to News Writing	3
PWR-305 / COMM-305	Multimedia Reporting & Writing	3
PWR-315	Teaching Writing	3
PWR-322	Advanced Creative Writing	3
PWR-324	Special Topics in Writing	3
PWR-480X	Internship	3
PWR-490	Independent Study	3
PWR-491	Research	3
PWR-499	Honors Project	3
	Total Credits	**36**

American Studies

Degree Type
Minor

Minor Requirements

Consists of a minimum of 18 credits. The following courses are required:

Core Courses

Course Code	Title	Credits
ENG-224	Introduction to American Studies	3
ENG-324	American Cultural History	3

Four additional courses (at least 3 credits from each category) chosen from the following:

Arts and Literature

Choose a minimum of one course from the following:

Course Code	Title	Credits
ART-300	Modern & Post-Modern Art	3
ENG-220	American Folklife	3
ENG-337W	Asian American Literature	3
ENG-390	Southern Literature	3
ENG-400	Seminar in a Major Literary Figure	3
SOC-233 / MUS-233	Social History of Jazz in America	3

Multiculturalism, Ethnicity, Class and Gender

Choose a minimum of one course from the following:

Course Code	Title	Credits
ENG-221	The Images of "folk" in Literature	3
ENG-243	Native American Literature and Culture	3
ENG-336	Black Literature	3
HIST-340	American Indian History	3
SOC-333	Racial and Ethnic Studies	3

History and Culture

Choose a minimum of one course from the following:

Course Code	Title	Credits
COMM-230	Communication Technologies: History, Culture, and Society	3
ECON-310	U.S. Economics & Business History	3
ENG-222	American Lives	3
HIST-201	History of the United States to 1877	3
HIST-202	History of the United States Since 1877	3
REL-365 / HIST-365	Foundations of American Religion	3
HIST-462	History of the United States South	3
SOC-338X	Introduction to Material Culture Studies	3
	Total Credits	**18**

Other elective courses, including those from study abroad programs, may be included with departmental approval.

English

Degree Type
Minor

Minor Requirements

Consists of a minimum of 18 credit hours. The following courses are required:

Required Courses

Course Code	Title	Credits
ENG-200	Introduction to English Studies	3
	300-level PWR course	3

Choose Two Course from Each of the Following

Course Code	Title	Credits
ENG-364	Studies in Short Fiction	3
ENG-365 / THEA-365	Studies in Drama	3
ENG-366	Studies Novel	3
ENG-367	Special Topic in a Literary Genre	3
ENG-368	Studies Poetry	3

Plus Two ENG Courses

Course Code	Title	Credits
	Two ENG courses numbered 201 and above	6
	Total Credits	**18**

Professional Writing

Degree Type
Minor

Minor Requirements

Consists of 18 credits distributed as follows:

Required Courses

Course Code	Title	Credits
PWR-201	Introduction to Professional Writing	3
PWR-319	Publishing and Marketing	3

Minimum of 12 additional credit hours

Course Code	Title	Credits
	Minimum of 12 credit hours chosen from PWR courses	12
	Total Credits	**18**

Endorsement in English (6-12)

Degree Type
Teacher Licensure

English majors who plan to earn secondary education licensure must also complete the following: PWR-201, PWR-275, PWR-315, ENG-330, and ENG-350; one course from PWR/COMM-131X, PWR-255W, PWR-318W, THEA-200, THEA-210, THEA-320, THEA-325, or COMM-345; and the education course sequence for secondary licensure. Contact Dr. Jenny Martin, coordinator for secondary education at jmmartin@bridgewater.edu or 540-828-5662 for further information.

Health & Human Sciences

The Department of Health and Human Sciences teams experienced faculty, challenging coursework and relevant experiential learning to prepare students for the needs of today's employers and graduate schools. Students within this department will have rich opportunities that foster innovation, creativity and risk-taking while being challenged to explore scientific foundations and practical applications within each discipline. Whether a student prefers to enter the job force or move on to graduate school after their bachelor's degree is complete, the Department of Health and Human Sciences has programs that enhance success in the varied fast-paced and ever-changing disciplines of athletic training, human development and family science, health and exercise science, health and physical education, nutrition and coaching.

The dynamic curricula empower students to address issues affecting individuals, families and communities. Graduates of our programs have demonstrated success in professions such as childhood, adolescent and adult education, state cooperative extension programs, school administration, law enforcement, pharmaceutical sales, medicine, chiropractic, nutrition and dietetics, nursing, physician assistant, paramedic, prosthetics, athletic training, massage therapy, occupational therapy, physical therapy, coaching, recreation, fitness, and varied human services careers.

In addition to departmental major, minor and concentration course offerings, students across the campus are invited to explore interests in physical activity and wellness. Instruction in activities that develop new physical skills are designed to translate into lifetime activity and healthy living.

Health and Exercise Science

Degree Type
Bachelor of Science - Major

Major Requirements

Consists of 48 credit hours in the following courses:

Required Courses

Course Code	Title	Credits
BIOL-110	Principles of Biology I	4
ES-230	Introduction to Health and Exercise Science	3
ES-249	Foundation of Human Nutrition	3
BIOL-305	Introduction to Human Anatomy	4
BIOL-314	Human Physiology	4
ES-300X	Personal and Community Health	3
ES-320	Kinesiology	3
ES-335	Physiology of Exercise	3

Choose One Course from Each of the Following

Course Code	Title	Credits
ES-456	Management Concepts in Health Care	3
AT-556	Management Concepts in Health Care	3
ES-360	Organization and Administration of Health and Exercise Science	3

Course Code	Title	Credits
ES-467	Health & Exercise Psychology	3
AT-567	Psychology of Sport Performance and Injury	3

Course Code	Title	Credits
ES-460	Senior Seminar	3
AT-560	Athletic Training Seminar I	3

An additional 12 credits from the following

Course Code	Title	Credits
AT-501	Anatomy for Healthcare Professionals I	3
BUS-120	Survey of Business	3
BUS-310	Principles of Marketing	3
CHEM-250	Fundamental Organic Chemistry	4
COMM-447	Science, Environment, and Health Communication	3
ES-215	Research Methods	3
ES-325	Principles of Health & Physical Fitness Assessment	3
ES-340	Teaching Methods for School Health	3
ES-342	Foundations of Strength & Conditioning	3
ES-345	Motor Behavior	3
ES-357X	Global Healthcare and Sport	3
ES-385	Adapted Physical Education and Recreation	3
ES-427	Health Promotion and Wellness	3
ES-428	Implementing Health Promotion Programs	3
MATH-140	Introduction to Statistics	3
PSY-310	Psychopathology	3
PSY-370	Developmental Psychology	3

In addition, may choose one course from each of the following:

Course Code	Title	Credits
ES-255	First Aid/CPR/AED Instructor	3
ES-260	First Aid and Safety	3

Course Code	Title	Credits
ES-491	Research	3
ES-499	Honors Project	3

Course Code	Title	Credits
PHIL-320E	Professional Ethics	3
PHIL-235E	Bioethics	3
	Total Credits	**48**

This major introduces students to the sub-disciplines of health and exercise science, providing students with a sound preparation upon which to develop a career or to pursue graduate study in the discipline.

Health and Physical Education

Degree Type
Bachelor of Science - Major

Major Requirements

For the student pursuing a career in teaching health and/or physical education. Consists of 51 credit hours. Separate admission to the Teacher Education Program (TEP) is a requirement for anyone wishing to graduate with a major in health and physical education. Specific admissions criteria for the TEP are listed in the TEP section of the academic catalog.

Required Courses

Consists of 51 credit hours in the following courses:

Course Code	Title	Credits
ES-235	Introduction to Teaching Physical Education	3
ES-225	Team Sports and Activities	3
ES-249	Foundation of Human Nutrition	3
ES-300X	Personal and Community Health	3
ES-303	Topics and Concepts in School Health	3
ES-310	Lifetime Activities in Physical Education	3
ES-318	Human Anatomy & Physiology	3
ES-320	Kinesiology	3
ES-335	Physiology of Exercise	3
ES-340	Teaching Methods for School Health	3
ES-345	Motor Behavior	3
ES-350	Assessment and Technology in Secondary Physical Education	2
ES-368W	Psychological Principles in Physical Education and Sport	3
ES-370	Teaching Methods for Secondary Physical Education	3
ES-385	Adapted Physical Education and Recreation	3
ES-426	Curriculum, Instruction & Assessment in Elementary Physical Education	3
ES-401	Field Experience in Elementary Physical Education	1
ES-135	Golf	1
ES-175	Conditioning and Weight Training	1
ES-165	Tennis	1
	Total Credits	**51**

In addition to the major, the following courses are required for licensure/certification:

Course Code	Title	Credits
EDUC-200	Educational Psychology	3
EDUC-215	Diversity in the Classroom	4
EDUC-372E	Classroom Management, Secondary	4
EDUC-380X	Practicum in Current Teaching Techniques	3
EDUC-452	Seminar in Educational Practices, Secondary	1
EDUC-470	Professional Student Teaching	13

*Courses only offered to students accepted into the Teacher Education Program

Students wishing to pursue this major should declare their intentions early in their academic career due to the significant course loads required to graduate in four years and the need for careful planning and advising.

Human Development and Family Science

Degree Type
Bachelor of Science - Major

Major Requirements

Consists of 36 credits including the following courses:

Core Courses

Course Code	Title	Credits
HDFS-101	Individuals & Families in Societal Contexts	3
HDFS-221	Housing in Contemporary Society	3
HDFS-230	Family Resource Management	3
HDFS-312X	Adult Development & Aging	4
HDFS-319	Interpersonal & Marital Relationships	3
HDFS-345	Child Development	4
HDFS-346	Adolescent Development	3
HDFS-347	Family Law & Public Policy	3
HDFS-408X	Parent & Child Relations	3
HDFS-410	Early Childhood Education	3
HDFS-440	Family Life Methodology	3
HDFS-471	Senior Seminar	1
	Total Credits	**36**

Coaching

Degree Type
Minor

Minor Requirements

The coaching minor is designed to develop competent and reflective coaches who have the knowledge and skills consistent with National Standards for Sports Coaches. The coaching minor consists of 24 credit hours. The following courses are required:

Required Courses

Course Code	Title	Credits
ES-240	Introduction to Coaching	3
ES-260	First Aid and Safety	3
ES-325	Principles of Health & Physical Fitness Assessment	3
ES-345	Motor Behavior	3
ES-360	Organization and Administration of Health and Exercise Science	3
ES-368W	Psychological Principles in Physical Education and Sport	3
ES-380	Coaching Methods and Techniques	3
ES-382	Practicum in Coaching	2
	Select any ES Activity course	1
	Total Credits	**24**

This minor may be taken with any major, including health and physical education or health and exercise science.

Early Childhood Education

Degree Type
Minor

Minor Requirements

Consists of 19 credits including the following courses:

Required Courses:

Course Code	Title	Credits
EDUC-200	Educational Psychology	3
ENG-345W	Literature for Children	3
HDFS-345	Child Development	4
HDFS-410	Early Childhood Education	3
PSY-370	Developmental Psychology	3
SPED-210	General Education Teachers and Special Needs Learners	3
	Total Credits	**19**

Family Life Education

Degree Type
Minor

Minor Requirements

Consists of 18 credit hours including the following courses:

Required Courses

Course Code	Title	Credits
HDFS-319	Interpersonal & Marital Relationships	3
HDFS-347	Family Law & Public Policy	3
HDFS-440	Family Life Methodology	3
PSY-380	Human Sexuality	3
SOC-368W	Sociology of the Family	3

Choose one course from the following:

Course Code	Title	Credits
COMM-334	Intercultural Communication	3
SOC-333	Racial and Ethnic Studies	3
	Total Credits	**18**

Family and Consumer Sciences Secondary Education

Degree Type
Concentration

Concentration Requirements

Consists of 19 credits. Majors in Human Development and Family Science may pursue a concentration in Family and Consumer Sciences Secondary Education.

Required Courses:

Course Code	Title	Credits
EDUC-372E	Classroom Management, Secondary	4
EDUC-412	Curriculum and Instruction Second Class Secondary Classroom	4
EDUC-452	Seminar in Educational Practices, Secondary	1
ES-249	Foundation of Human Nutrition	3
HDFS-307	Food Science & Safety	4
HDFS-340	Fashion, Apparel & Textiles	3

For students wishing to pursue Teacher Education endorsement, admission to the Teacher Education Program (TEP) is required. In addition to coursework required for the Family and Consumer Sciences secondary education concentration, students are also required to complete EDUC 470: Student Teaching in 6-12 classroom for secondary (6-12) education licensure. Students must complete PRAXIS Subject Area test in Family and Consumer Sciences content area.

	Total Credits	**19**

Endorsement in Family and Consumer Sciences (6-12)

Degree Type
Teacher Licensure

Students majoring in Human Development and Family Science can be eligible for teacher licensure at the secondary level (6-12) by also completing the courses in the teacher education program. Students should complete the concentration in Family and Consumer Sciences secondary education. As early as possible, contact Dr. Jenny Martin, coordinator for secondary education at jmmartin@bridgewater.edu or 540-828-5662 for further information.

Endorsement in Health and Physical Education (P-12)

Degree Type
Teacher Licensure

Requires the same education course sequence as for secondary licensure except for the following courses: EDUC-140, EDUC-334, and EDUC-412. As early as possible, contact Dr. Jenny Martin, coordinator for secondary education at jmmartin@bridgewater.edu or 540-828-5662 for further information.

General Education Requirements

In addition to major offerings, the Department of Health and Human Sciences contributes to the College's FILA general education program. All students are required to develop skill in a physical activity by completing a one-credit activity course. No more than 4 credits in activity courses may be applied toward graduation.

History & Political Science

The Department of History and Political Science prepares students for a life of active citizenship and intellectual engagement by offering diverse courses that explore the historical evolution and contemporary challenges of the world and its peoples. Knowledge of history equips students to participate in core social, political, economic and cultural institutions by tracing the trajectory of those institutions and empowering students to contribute to their future development. Political science courses interrogate the processes by which communities decide what is important and what should be done by engaging in critical analysis of the institutions, policies and philosophies of the collective problem-solving processes known as governance. Global studies courses place students within the broadest context of human activity and orient them to the roles they play in the world as a single place. All of the courses in the department, therefore, focus student energy on the mechanisms they need to influence the conversations that shape their world, making them effective citizens of their local, national and global communities.

The department offers majors in history, political science, history and political science, and global studies. Students may minor in history, political science or global studies. History faculty offer courses in U.S., European and non-Western history. Political science courses cover American politics, global politics and political philosophy. The history and political science major combines these two disciplines and is the typical major of students seeking careers in secondary education. The global studies major begins with core courses in the department, then branches out to upper-level courses in a wide variety of disciplines allowing students to create a path that best fits their interests. The department is home to the College's Pre-Law Society and Phi Alpha Theta, the honor society for history.

The course of study for each major emphasizes critical thinking, writing, research and project development—skills essential to any career. Faculty actively engage students with dynamic teaching that emphasizes discussion, reflection, simulations, problem-based learning and original research. This commitment extends to promoting experiential learning beyond the classroom including field trips, internships, service-learning and semester-length programs abroad. The department offers distinctive on- and off- campus experiences during May Term including trips to the United Nations, South Africa, Belgium, France and Britain. The internship program places students in law offices, nonprofits, state and local government agencies, and more. Many of our majors are elected to leadership roles in student organizations including the Student Senate, Soar Mentors and the Honor Council.

Students pursuing majors and minors in the department have a wide variety of career interests including law, secondary and higher education, government service, museum and archival work, religion, journalism and overseas development work.

Bridgewater College to D.C. BC2DC Program Requirements

Bridgewater College partners with The Washington Center to establish a semester long, residential internship and career preparation program in Washington, DC. The BC2DC program is designed as a way for students to spend one of the eight traditional, undergraduate fall or spring semesters in DC. Students enroll in the following 15 credits of coursework at BC during the semester they are in DC: IDS-480X Washington Center Internship (9 credits), IDS-490 Washington Center Independent Study (3 credits), and IDS-460 Career Exploration and Professional Development (3 credits).

Students interested in a semester at The Washington Center should work with Dr. Bobbi Gentry and their academic advisor to apply to the program.

Required Courses:

Course Code	Title	Credits
IDS-460	Career Exploration and Professional Development	3
IDS-480X	Washington Center Internship	9
IDS-490	Washington Center Independent Study	3
	Total Credits	**15**

Endorsement in History and Social Studies (6-12)

Degree Type
Teacher Licensure

Students majoring in History and Political Science can be eligible for teacher licensure at the secondary level (6-12) by also completing the courses in the teacher education program. As early as possible, contact Dr. Jenny Martin, coordinator for secondary education at jmmartin@bridgewater.edu or 540-828-5662 for further information.

Global Studies

Degree Type
Bachelor of Arts - Major

Major Requirements

A bachelor of arts degree consisting of 43 credit hours distributed as follows:

Core Courses

(16 credits)

Course Code	Title	Credits
ECON-200	Principles of Macroeconomics	3
PSCI-230	Introduction to Global Politics	3
PSCI-240	Introduction to Comparative Politics	3
PSCI-250	Methods of Research and Data Analysis	3
PSCI-400	Professional Development	1
PSCI-470	Seminar in Global Studies & Political Science	3

Global Processes

Choose 15 credits from the following courses:

Course Code	Title	Credits
COMM-334	Intercultural Communication	3
ECON-440	International Economics	3
HIST-330HX	Modern Britain and Oxford	3
HIST-370	Genocide	3
PSCI-205 / SOC-205	Global Identities	3
PSCI-335W	Peace, War and World Politics	3
PSCI-336	United Nations	3
PSCI-356	United States Foreign Policy	3
PSCI-360	Population, Immigration, and Politics	3
PSCI-365E	Politics of Human Rights	3
PSCI-370	Issues in Global Politics	3
PSCI-420W	International Law & Organization	3
PSCI-440W	Global Political Economy	3
PSCI-480X	Internship	3
SOC-314	World Justice Systems	3

Comparative and Regional Studies

Choose 12 credits from the following courses:

Course Code	Title	Credits
FREN-300	Special Cultural Topics in English	3
HIST-325	Modern Britain Since 1688	3
HIST-335	Women's History in Asia	3
HIST-350	The Wars in Afghanistan	3
HIST-360	Modern Africa	3
HIST-390	War and Peace Across the Pacific	3
HIST-410	Modern India & Pakistan Since 1700	3
HIST-415	History of China Since 1600	3
HIST-420	Modern Germany and Its Empires	3
HIST-425	History of Japan Since 1600	3
PSCI-310	Latin American Politics	3
HIST-480X	Internship	3
REL-340	Religions of the Near East	3
REL-350	Religions of the Far East	3
SOC-363	Cultures of Japan	3
SPAN-300	Special Cultural Topics in English	3

May choose one course from each of the following for Comparative and Regional Studies:

Course Code	Title	Credits
FREN-325	Art of Conversation	3
HIST-321	Europe Since 1789	3

Course Code	Title	Credits
SPAN-340	Spanish Culture and Civilization	3
SPAN-345	Latin American Culture and Civilization	3
	Total Credits	**43**

Students may take one Internship (PSCI-480X) toward the requirements for the major and apply the credits to either global processes or comparative and regional studies.

One international travel course (such as ART-307X) or cultural exploration course (such as COMM-333X, HDFS-250, FREN-305X, SOC-363, or SPAN-306 or SPAN-308X) may be used toward the comparative and regional studies requirement.

Students may substitute SOC-324 for PSCI-250.

Students may not double major in political science and global studies. Political science majors may minor in global studies, but the 15 credits from non-core areas must be taken in disciplines other than political science

Students pursuing a global studies major are strongly encouraged to study abroad, to explore a minor relevant to their area of interest (world languages and cultures, economics, business, philosophy and religion, etc.), and to participate in an internship. Relevant internships through PSCI-480X earn credit toward the major.

Global Studies

Degree Type
Minor

Minor Requirements

Consists of 21 credit hours distributed as follows:

Core Courses

(6 Credits)

Course Code	Title	Credits
PSCI-205 / SOC-205	Global Identities	3
PSCI-230	Introduction to Global Politics	3
PSCI-240	Introduction to Comparative Politics	3

Global Processes

Choose 9 credits from the following courses:

Course Code	Title	Credits
COMM-334	Intercultural Communication	3
ECON-440	International Economics	3
HIST-370	Genocide	3
HIST-430	European Imperialism	3
PSCI-335W	Peace, War and World Politics	3
PSCI-336	United Nations	3
PSCI-356	United States Foreign Policy	3
PSCI-360	Population, Immigration, and Politics	3
PSCI-365E	Politics of Human Rights	3
PSCI-370	Issues in Global Politics	3
PSCI-420W	International Law & Organization	3
PSCI-440W	Global Political Economy	3
SOC-314	World Justice Systems	3

Comparative and Regional Studies

Choose 6 credits from the following courses:

Course Code	Title	Credits
FREN-300	Special Cultural Topics in English	3
HIST-325	Modern Britain Since 1688	3
HIST-335	Women's History in Asia	3
HIST-350	The Wars in Afghanistan	3
HIST-360	Modern Africa	3
HIST-390	War and Peace Across the Pacific	3
HIST-410	Modern India & Pakistan Since 1700	3
HIST-415	History of China Since 1600	3
HIST-425	History of Japan Since 1600	3
PSCI-310	Latin American Politics	3
PSCI-480X	Internship	3
REL-340	Religions of the Near East	3
REL-350	Religions of the Far East	3
SPAN-300	Special Cultural Topics in English	3

May choose one course from each of the following for Comparative and Regional Studies:

Course Code	Title	Credits
FREN-325	Art of Conversation	3
HIST-321	Europe Since 1789	3

Course Code	Title	Credits
SPAN-340	Spanish Culture and Civilization	3
SPAN-345	Latin American Culture and Civilization	3
	Total Credits	**21**

Students may take one Internship (PSCI-480X) toward the requirements for the minor and apply the credits to either global studies or comparative and regional studies.

Political science majors may minor in global studies, but the 15 credits from non-core areas must be taken in disciplines other than political science.

Students pursuing a global studies minor are strongly encouraged to study world languages and cultures, study abroad and participate in internships relevant to the field.

History

Degree Type
Bachelor of Arts - Major

Major Requirements

A bachelor of arts degree consisting of 43 credit hours distributed as follows:

Core Courses

(16 Credits)

To be completed by the end of sophomore year, except for Professional Development and Senior Seminar.

Course Code	Title	Credits
HIST-112	Introduction to World History	3
HIST-201	History of the United States to 1877	3
HIST-202	History of the United States Since 1877	3
HIST-250	Historical Methods	3
HIST-400	Professional Development	1
HIST-470	Seminar in Theory & Practice of History	3

United States History

Choose at least 3 credits from the following courses:

Course Code	Title	Credits
HIST-315	Topics in United States History	3
HIST-340	American Indian History	3
HIST-365 / REL-365	Foundations of American Religion	3
HIST-375	Cold War America	3
HIST-435	Progressive Era America	3
HIST-460	Readings in the American Civil War	3
HIST-462	History of the United States South	3

European History

Choose at least 3 credits from the following courses:

Course Code	Title	Credits
HIST-311	Early Modern Europe in the World, 1492-1789	3
HIST-321	Europe Since 1789	3
HIST-325	Modern Britain Since 1688	3
HIST-370	Genocide	3
HIST-380	Topics in European History	3
HIST-420	Modern Germany and Its Empires	3

Non-Western History

Choose at least 3 credits from the following courses:

Course Code	Title	Credits
HIST-335	Women's History in Asia	3
HIST-350	The Wars in Afghanistan	3
HIST-360	Modern Africa	3
HIST-390	War and Peace Across the Pacific	3
HIST-410	Modern India & Pakistan Since 1700	3
HIST-415	History of China Since 1600	3
HIST-425	History of Japan Since 1600	3
HIST-430	European Imperialism	3

18 additional credits

Course Code	Title	Credits
	HIST courses numbered 300 or above	18

One PSCI course numbered 300 or above and one Internship (HIST-480X) may substitute for history electives. Honors Project (HIST-499) may substitute as a major elective course. Students may not major in both history and history and political science.

	Total Credits	**43**

History

Degree Type
Minor

Minor Requirements

Consists of 21 credit hours distributed as follows:

World History Survey Course

(3 Credits)

Course Code	Title	Credits
HIST-112	Introduction to World History	3

United States History Survey Course

Choose 3 credits from the following courses:

Course Code	Title	Credits
HIST-201	History of the United States to 1877	3
HIST-202	History of the United States Since 1877	3

United States History

Choose at least 3 credits from the following courses:

Course Code	Title	Credits
HIST-315	Topics in United States History	3
HIST-340	American Indian History	3
HIST-365 / REL-365	Foundations of American Religion	3
HIST-375	Cold War America	3
HIST-435	Progressive Era America	3
HIST-460	Readings in the American Civil War	3
HIST-462	History of the United States South	3

European History

Choose at least 3 credits from the following courses:

Course Code	Title	Credits
HIST-311	Early Modern Europe in the World, 1492-1789	3
HIST-321	Europe Since 1789	3
HIST-325	Modern Britain Since 1688	3
HIST-370	Genocide	3
HIST-380	Topics in European History	3
HIST-420	Modern Germany and Its Empires	3

Non-Western History

Choose at least 3 credits from the following courses:

Course Code	Title	Credits
HIST-335	Women's History in Asia	3
HIST-350	The Wars in Afghanistan	3
HIST-360	Modern Africa	3
HIST-390	War and Peace Across the Pacific	3
HIST-410	Modern India & Pakistan Since 1700	3
HIST-415	History of China Since 1600	3
HIST-425	History of Japan Since 1600	3
HIST-430	European Imperialism	3

Remaining 6 credits

Course Code	Title	Credits
	6 credits must be selected from HIST courses numbered 300 or above	6
	Total Credits	**21**

This minor may not be taken in conjunction with either a major in history and political science or a major in global studies.

History and Political Science

Degree Type
Bachelor of Arts - Major

Major Requirements

A bachelor of arts degree consisting of 43 credit hours distributed as follows:

Core History Courses

(16 Credits)

To be completed by the end of sophomore year, except for Professional Development and Senior Seminar:

Course Code	Title	Credits
HIST-112	Introduction to World History	3
HIST-201	History of the United States to 1877	3
HIST-202	History of the United States Since 1877	3
HIST-250	Historical Methods	3
HIST-400	Professional Development	1
HIST-470	Seminar in Theory & Practice of History	3

Core Political Science Courses

(9 Credits)

Course Code	Title	Credits
PSCI-210	Politics & Government in the United States	3
PSCI-230	Introduction to Global Politics	3
PSCI-240	Introduction to Comparative Politics	3

Students accepted into the secondary education program must substitute PSCI-230 with PSCI-320: State and Local Government.

European History

Choose 3 credits from the following courses:

Course Code	Title	Credits
HIST-311	Early Modern Europe in the World, 1492-1789	3
HIST-321	Europe Since 1789	3
HIST-325	Modern Britain Since 1688	3
HIST-370	Genocide	3
HIST-380	Topics in European History	3
HIST-420	Modern Germany and Its Empires	3

United States History

Choose 3 credits from the following courses:

Course Code	Title	Credits
HIST-315	Topics in United States History	3
HIST-340	American Indian History	3
HIST-365 / REL-365	Foundations of American Religion	3
HIST-375	Cold War America	3
HIST-435	Progressive Era America	3
HIST-460	Readings in the American Civil War	3
HIST-462	History of the United States South	3

Non-Western History

Choose 3 credits from the following courses:

Course Code	Title	Credits
HIST-335	Women's History in Asia	3
HIST-350	The Wars in Afghanistan	3
HIST-360	Modern Africa	3
HIST-390	War and Peace Across the Pacific	3
HIST-410	Modern India & Pakistan Since 1700	3
HIST-415	History of China Since 1600	3
HIST-425	History of Japan Since 1600	3
HIST-430	European Imperialism	3

9 additional credits

An Honors Project (HIST/PSCI-499) or one Internship (HIST/PSCI-480X) may be an elective course.

Course Code	Title	Credits
	9 additional credits from HIST or PSCI courses numbered 300 or above	9

Students accepted into the secondary education program must substitute 6 of the 9 additional credits with:

Course Code	Title	Credits
ECON-200	Principles of Macroeconomics	3
EDUC-195	World Regional Geography	3

Students accepted into the secondary education program must plan to complete EDUC-470: Professional Student Teaching during the spring semester.

	Total Credits	**43**

Students may not major in both history and political science and history or political science.

Political Science

Degree Type

Bachelor of Arts - Major

Major Requirements

Students must complete 19 credits of core courses, 3 credits of upper-division Global Politics, 3 credits of upper-division United States Politics, 3 credits of upper-division Political Thought, and 15 credits of upper-division electives. Consists of 43 credit hours distributed as follows:

Core Courses

(19 Credits)

Course Code	Title	Credits
PSCI-210	Politics & Government in the United States	3
PSCI-220E	Introduction to Political Philosophy	3
PSCI-230	Introduction to Global Politics	3
PSCI-240	Introduction to Comparative Politics	3
PSCI-250	Methods of Research and Data Analysis	3
PSCI-400	Professional Development	1
PSCI-470	Seminar in Global Studies & Political Science	3

Political Thought

Choose 3 credits from the following courses:

Course Code	Title	Credits
PSCI-401E	Contemporary Political Thought	3
PSCI-402E	Philosophy of Law and Jurisprudence	3
PSCI-405E	Foundations of American Political Thought	3

United States Politics

Choose 3 credits from the following courses:

Course Code	Title	Credits
PSCI-215	Introduction to Public Policy	3
PSCI-320	State and Local Politics	3
PSCI-332	Women & Politics	3
PSCI-340	Media & Politics	3
PSCI-345	Political Psychology	3
PSCI-350	Constitutional Law of Federalism & Institutional Powers	3
PSCI-351	Competitive Moot Court	1

(complete 1 credit course three times)

Choose 3 credits from the following:

Course Code	Title	Credits
PSCI-355	Constitutional Law of Civil Rights and Liberties	3
PSCI-380	Public Administration	3
PSCI-390	Public Policy	3
PSCI-415	Policymaking, Interest Groups & Congress	3

Global Politics

Choose 3 credits from the following courses:

Course Code	Title	Credits
PSCI-310	Latin American Politics	3
PSCI-335W	Peace, War and World Politics	3
PSCI-336	United Nations	3
PSCI-356	United States Foreign Policy	3
PSCI-360	Population, Immigration, and Politics	3
PSCI-365E	Politics of Human Rights	3
PSCI-370	Issues in Global Politics	3
PSCI-420W	International Law & Organization	3
PSCI-440W	Global Political Economy	3

Electives

15 credits of PSCI courses numbered 300 or above; 3 credits may be chosen from the following HIST courses:

Course Code	Title	Credits
HIST-325	Modern Britain Since 1688	3
HIST-350	The Wars in Afghanistan	3
HIST-360	Modern Africa	3
HIST-390	War and Peace Across the Pacific	3
HIST-410	Modern India & Pakistan Since 1700	3
HIST-415	History of China Since 1600	3
HIST-425	History of Japan Since 1600	3
HIST-430	European Imperialism	3

The Political Science major prepares students for careers related to law and government. It includes courses in the three major subfields of political science: global studies, American politics and political thought.

The program is designed to give students a broad knowledge of the three subfields in the required courses and the flexibility to design an elective educational program oriented towards careers in law, public policy and administration, politics or international affairs.

	Total Credits	**43**

Political Science

Degree Type
Minor

Minor Requirements

Consists of 21 credit hours distributed as follows:

Required Courses

Choose one course from each of the following:

Course Code	Title	Credits
PSCI-210	Politics & Government in the United States	3
PSCI-220E	Introduction to Political Philosophy	3

Course Code	Title	Credits
PSCI-230	Introduction to Global Politics	3
PSCI-240	Introduction to Comparative Politics	3

15 additional credits

Course Code	Title	Credits
	15 additional credits from PSCI courses numbered 300 or above	15

Students may take one Internship (PSCI-480X) toward these additional credits.

	Total Credits	**21**

This minor may not be taken in conjunction with either a major in history and political science or a major in global studies.

Pre-Law

Degree Type
Minor

Program Description:

The Pre-Law Minor prepares students for legal careers. It provides the general knowledge and skills required for succeeding in law school, as a paralegal or similar careers after graduation.

Note for the catalog: The Pre-law Minor does not provide professional qualifications for any particular career such as lawyer or paralegal. For guidelines on becoming a lawyer, see (for example) The Law School Admission Council website (www.lsac.org). For guidelines on becoming a paralegal, see (for example) the American Bar Association's "Education Information for Paralegals".

Consists of 21 credit hours.

Required Courses:

Course Code	Title	Credits
PSCI-350	Constitutional Law of Federalism & Institutional Powers	3
PSCI-355	Constitutional Law of Civil Rights and Liberties	3
PSCI-402E	Philosophy of Law and Jurisprudence	3
PSCI-405E	Foundations of American Political Thought	3

Distribution List of Elective Courses:

Choose 9 credits from the following list:

Course Code	Title	Credits
BUS-350	Business Law	3
COMM-410E	Communication Law and Ethics in a Digital Age	3
ENVR-305	Natural Resource & Environmental Law	3
HDFS-347	Family Law & Public Policy	3
PHIL-320E	Professional Ethics	3
PSCI-332	Women & Politics	3
PSCI-351	Competitive Moot Court	1
PSCI-365E	Politics of Human Rights	3
PSCI-380	Public Administration	3
PSCI-390	Public Policy	3
PSCI-480X	Internship	3
SOC-211	Criminology	3
SOC-312	Juvenile Justice and Delinquency	3
SOC-313	Gender, Crime and Justice	3
SOC-314	World Justice Systems	3
SOC-315	Public Security and Insecurity	3
SOC-367 / PHIL-367	Conflict Transformation	3
SOC-412	Adjudication and Corrections: Existing and Alternate Strategies	3
	Total Credits	**21**

Interdisciplinary & Independent Studies

A Bridgewater education is marked not just by expertise in a particular subject area, but by the ability to engage multiple areas of interest, integrate new ideas into existing understandings, and draw connections between diverse fields of knowledge. Because they include courses from multiple departments, interdisciplinary programs provide curricular structures for exploring subjects that do not fit well within traditional academic boundaries, and allow students to practice managing complex perspectives, ideas, and theoretical frameworks. Independent studies courses provide opportunities for students to work with a faculty member to create flexible classes tailored to precise interests and talents.

Internships, Independent Studies/ Research and Honors Projects

480X Internship

Provides an opportunity for a student to gain field experience in an area related to the student's program of study or career goals. The learning objectives for internships include connecting academic knowledge and problem-solving processes to experiences and problems in professional settings. Supervision of an intern is provided by an appropriate faculty member and by a site supervisor of the agency or business in which the student is an intern. A student who wishes to engage in an internship must consult with the appropriate faculty member at least eight weeks in advance of the start of the term in which the internship is to be completed. A description of the internship, signed by the student and the faculty sponsor, must be filed with the director of internships by the first day of the semester prior to the start of the internship. Approval of each application for an internship is made by the director of internships based upon approved policies and guidelines. Internships are graded on an S or U basis. Students must complete 120 hours of internship-related work as well as weekly journal entries and a final reflective paper completed in accordance with approved requirements. A student may enroll in an internship program for 3 credits per semester, and internship credit may be earned in subsequent semesters subject to the limitations that no more than two internships may be pursued in any one agency or business and a maximum of 9 credits in internships may be applied toward graduation.

490, 491 Independent Study/Research

Upon approval of the department and the division head, a student with a cumulative grade point average of 2.20 or better may engage in an independent study or research project. One desiring to pursue independent study or research must submit a written description of the proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. At the end of the semester, the supervising professor files with the registrar a grade for the student and a description of the work accomplished. Credit may be received for not more than three independent studies or research projects.

499 Honors Project

An honors project is one in which a student researches a subject, by examination of relevant literature or by experimentation or both; the student reports the results in an accurately documented and well-written paper or appropriate representation of the work. Whenever the study deals with the subject of an established course, the student is expected to go well beyond the usual work of the course in research and in assimilation of the results as revealed in the report. Juniors and seniors with a cumulative grade point average of 3.40 or above may

register for an honors project. One desiring to pursue an honors project must submit a written description of his or her proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. Upon the completion of the Honors Project, the student must present an oral defense of his or her project. The final grade must include a satisfactory performance on the oral defense, assessed by a three-faculty member team. The Project Advisor will authorize the make-up of the oral defense team and will assign the final grade on the project. The honors project title will be noted on the student?s transcript. It is the student?s responsibility to provide a copy of the written paper or appropriate representation of the work to the library in compliance with specifications approved by the Council on Education. The library director arranges for binding and storage.

The Flory Honors Program is for students who:

- have outstanding academic records and find excitement and stimulation in the learning process
- want to develop the skills for independent inquiry and research necessary for excelling in graduate and professional schools
- crave the opportunity to be creative and to develop the capacity to meet new challenges
- want to push the boundaries of knowledge and explore uncharted intellectual territory
- want to be part of a social and academic community of motivated learners

The Flory Honors Program is an honors program consisting of stimulating and interesting opportunities both inside and outside the classroom. In the curricular element of the program, students who matriculate as first-year students take a minimum of five honors designated courses, plus an honors project and the capstone seminar (IDS-470H: Senior Capstone Seminar), for seven courses total. First year students begin the program with an honors section of FILA-150 (Critical Inquiry in the Liberal Arts), the College's first-year seminar.

Students who matriculate as transfer students complete the following requirements based on the number of credits transferred.

- Students who matriculate with at least 30 transfer credits must complete 6 honors designated 3 credit courses (including capstone and honors project) prior to graduation.
- Students who matriculate with at least 60 transfer credits must complete 4 honors designated 3 credit courses (including capstone and honors project) prior to graduation.

A student may become a member of the Flory Fellows in the following ways:

- Bridgewater applicants who have a minimum 3.8 high school grade point average (GPA) with strong SAT scores and transfer students with a high GPA in college courses receive an invitation from the provost and vice president for academic affairs.
- Enrolled students in either the second semester of their first year or the first semester of their sophomore year with a Bridgewater College GPA of 3.5 or higher may be nominated by a faculty member.

Flory Honors Program Course Options

A variety of options are offered for completing the honors course requirements. The most common path is taking an honors section of an existing course offered for the general education, major or elective credit. Honors courses are different in that they provide greater opportunity for students to develop their capacities for creativity, independent learning and leadership.

In addition to honors designated courses, another possibility is completing an honors upgrade to a non-honors course. In an honors upgrade, students work closely with faculty to build an additional honors component to the course that expands upon the course material in creative and challenging ways.

Bridgewater College to D.C. BC2DC Program Requirements

Bridgewater College partners with The Washington Center to establish a semester long, residential internship and career preparation program in Washington, DC. The BC2DC program is designed as a way for students to spend one of the eight traditional, undergraduate fall or spring semesters in DC. Students enroll in the following 15 credits of coursework at BC during the semester they are in DC: IDS-480X Washington Center Internship (9 credits), IDS-490 Washington Center Independent Study (3 credits), and IDS-460 Career Exploration and Professional Development (3 credits).

Students interested in a semester at The Washington Center should work with Dr. Bobbi Gentry and their academic advisor to apply to the program.

Required Courses:

Course Code	Title	Credits
IDS-460	Career Exploration and Professional Development	3
IDS-480X	Washington Center Internship	9
IDS-490	Washington Center Independent Study	3
	Total Credits	**15**

Leadership and Community Engagement

Degree Type
Minor

An interdisciplinary program focusing on the nature, understanding, and application of leadership and community engagement. Drawing from several academic disciplines, students in the program gain an understanding of themselves and of leadership in a variety of contexts and environments as well as an understanding of what it means to work in community engagement fields dedicated to social change.

Minor Requirements

To complete the 18-credit hour minor, students will take three required courses (9 credits) and three elective courses (9 credits) that closely align with their major and/or professional goals.

Required Courses

Course Code	Title	Credits
IDS-201	Leadership Development Seminar	3
SOC-210E	Foundations of Community Engagement	3
IDS-471	Leadership & Community Engagement Capstone Seminar	3

Elective Courses

Students should choose three courses from the list below with no more than two courses taken in the same department. In consultation with their major and minor advisors, students should select elective courses that connect to their future vocational and personal goals.

Course Code	Title	Credits
BUS-300	Principles of Organization Management	3
BUS-422X	Entrepreneurship	3
COMM-325	Communication in the Organization	3
COMM-327	Interpersonal Communication	3
COMM-411	Strategic Campaigns	3
ECON-327	Economics and the Environment	3
ENVR-101	Introduction to Environmental Sciences	4
ENVR-301 / BIOL-301	Principles of Environmental Science	4
ENVR-305	Natural Resource & Environmental Law	3
ENVR-402 / BIOL-402	Conservation Biology	4
ES-300X	Personal and Community Health	3
ES-303	Topics and Concepts in School Health	3
ES-428	Implementing Health Promotion Programs	3
ES-456	Management Concepts in Health Care	3
PHIL-340E	Environmental Ethics	3
PSCI-215	Introduction to Public Policy	3
PSCI-260	Campaigns and Elections	3
PSCI-320	State and Local Politics	3
PSCI-345	Political Psychology	3
PSCI-380	Public Administration	3
PSCI-415	Policymaking, Interest Groups & Congress	3
PSY-350	Social Psychology	3
PSY-399	Psychology of Personality	3
SOC-367 / PHIL-367	Conflict Transformation	3
SOC-208E	Food Politics	3
SOC-333	Racial and Ethnic Studies	3

Other elective courses, including those from study abroad programs, may be included with departmental approval.

	Total Credits	**18**

Mathematics & Computer Science

The Department of Mathematics and Computer Science offers majors in computer science and data science & analytics. Students gain fundamental knowledge, as well as real-world practical experience, using the latest techniques and software in each field. The computer science major is based on the guidelines recommended by the Association for Computing Machinery. Data Science & Analytics (DSA) is an interdisciplinary major in which students learn comprehensive knowledge and develop skills required for data scientists, data analysts, and analytics-enabled professionals. Students develop problem solving and strategic thinking skills, and to apply scientific principles across multiple disciplines and modern technologies, such that they can manage and analyze large-scale data to solve strategic and operational challenges.

Computer science graduates are prepared for careers such as programmers, analysts, researchers, network administrators, and cybersecurity specialists, as well as top graduate schools in technology and computer science. The DSA program prepares students for a broad set of professional careers, including data scientist, data engineer, data administrator, data analyst, data software developer, strategic analyst, market researcher, and informatics analyst.

The department also offers minors in computer science, data administration, data analytics, and mathematics. These minors compliment a variety of majors, adding depth and skills in computation, mathematics, and analytics.

Computer Science

Degree Type
Bachelor of Science - Major

Major Requirements

The major consists of 41-50 credits.

Students choose one of three tracks: Cybersecurity, Full-Stack Software Development, and Theoretical Computing. The following core courses are required for each track, consisting of 32 credits:

Required Courses

Course Code	Title	Credits
CSCI-101	Programming I	4
CSCI-102	Programming II	4
CSCI-210	Discrete Mathematics	3
CSCI-220	Data Structures and Algorithms	3
CSCI-320	Algorithm Analysis and Design	3
CSCI-341	Computer Architecture	3
CSCI-342	Operating Systems	3
CSCI-350	Computer Networks	3
CSCI-400	Software Engineering	3
DSA-230	Database Systems	3

The remaining credits come from the tracks as follows (students choose one track):

Cybersecurity Track

Consists of 9 credits, including the following courses:

Course Code	Title	Credits
CSCI-360	Introduction to Cybersecurity	3
CSCI-362	Applied Cryptography	3
CSCI-460	Network Security	3

Full-Stack Software Development Track

Consists of 18 credits, including the following courses:

Course Code	Title	Credits
ART-120	Introduction to Visual Design	3
ART-322	Web Design and Development	3
ART-323	Graphic Design	3
CSCI-230	Web Scripting	3
CSCI-430	Server-Side Web Development	3
CSCI-432	Client-Side Web Development	3

Theoretical Computing Track

Consists of 9 credits, including the following courses:

Course Code	Title	Credits
CSCI-410	Numerical Algorithms	3
CSCI-412	Theoretical Cryptography	3
CSCI-414	Coding Theory	3
	Total Credits	**42-50**

Data Science & Analytics

Degree Type
Bachelor of Science - Major

Major Requirements

Consists of 52 credit hours including the following courses:

Required Courses

Course Code	Title	Credits
MATH-130	Survey of Calculus	3
MATH-140	Introduction to Statistics	3
MATH-210	Introduction to Linear Algebra	3
CSCI-101	Programming I	4
CSCI-130	Programming with Python	3
CSCI-210	Discrete Mathematics	3
CSCI-230	Web Scripting	3
DSA-225	Statistical Methods With R	3
DSA-230	Database Systems	3
DSA-300	Advanced Data Analytics	3
DSA-330	Data Warehousing	3
DSA-350	Data Acquisition	3
DSA-375	Data Visualization	3
DSA-400	Intelligent Search Methods	3
DSA-425	Data Mining and Business Intelligence	3
DSA-450	Machine Learning	3

Complete one of the following elective courses

During the junior or senior year:

Course Code	Title	Credits
DSA-475	Big-Data and Cloud Computing	3
DSA-480X	Internship	3
DSA-490	Independent Study	3
DSA-491	Research	3
DSA-499	Honors Project	3
DSA-499	Honors Project	3
CSCI-412	Theoretical Cryptography	3
CSCI-414	Coding Theory	3
	Total Credits	**52**

Computer Science

Degree Type
Minor

Required Courses

Course Code	Title	Credits
CSCI-101	Programming I	4
CSCI-102	Programming II	4
CSCI-210	Discrete Mathematics	3
CSCI-220	Data Structures and Algorithms	3

Plus 6 additional credits

Course Code	Title	Credits
	6 additional credits in CSCI courses numbered 300 or above	6
	Total Credits	**20**

Data Administration

Degree Type
Minor

Minor Requirements

Consists of 19 credit hours including the following courses:

Required Courses

Course Code	Title	Credits
CSCI-101	Programming I	4
CSCI-130	Programming with Python	3
CSCI-210	Discrete Mathematics	3
DSA-230	Database Systems	3
DSA-330	Data Warehousing	3
DSA-350	Data Acquisition	3
	Total Credits	**19**

Data Analytics

Degree Type
Minor

Minor Requirements

Consists of 19 credit hours including the following courses:

Required Courses

Course Code	Title	Credits
CSCI-101	Programming I	4
CSCI-230	Web Scripting	3
DSA-225	Statistical Methods With R	3
DSA-300	Advanced Data Analytics	3
DSA-375	Data Visualization	3
MATH-140	Introduction to Statistics	3
	Total Credits	**19**

Mathematics

Degree Type
Minor

Required Courses

Course Code	Title	Credits
MATH-133	Calculus I	4
MATH-134	Calculus II	4
MATH-200	Introduction to Number Theory	3
MATH-210	Introduction to Linear Algebra	3
MATH-231	Calculus III	3

Two additional MATH courses

Course Code	Title	Credits
	Two additional MATH courses numbered 300-450, excluding MATH-360	6
	Total Credits	**24**

Algebra I Add-On Endorsement

Degree Type
Teacher Licensure

Students who are already admitted to the Teacher Education Program and are not already earning their secondary education licensure in mathematics may opt for an add-on endorsement in algebra I.

Endorsement Requirements

Course Code	Title	Credits
MATH-105	Mathematical Theory & Computation I	3
MATH-115	Mathematical Theory & Computation II	3
MATH-120	Precalculus Mathematics	3
MATH-133	Calculus I	4
MATH-134	Calculus II	4
MATH-200	Introduction to Number Theory	3
MATH-210	Introduction to Linear Algebra	3
CSCI-101	Programming I	4

Note: MATH-130 can be taken in place of the sequence MATH-133/MATH-134.

Choose one of the following

Course Code	Title	Credits
MATH-140	Introduction to Statistics	3
MATH-341	Theoretical Statistics I	3
	Total Credits	**30**

Requirements also include admission to the Teacher Education Program, earning an endorsement in another area and passing scores on the PRAXIS examination. If interested, please contact the chair of the mathematics and computer science department and the director of the Teacher Education Program.

Students interested in teaching 6-12 grade Math and/or Algebra I, should contact the Teacher Education Program Secondary Education Coordinator, Dr. Jenny Martin at jmmartin@bridgewater.edu.

Endorsement in Computer Science (6-12)

Degree Type
Teacher Licensure

Students majoring in Computer Science can be eligible for teacher licensure at the secondary level (6-12) by also completing the courses in the teacher education program. As early as possible, contact Dr. Jenny Martin, coordinator for secondary education at jmmartin@bridgewater.edu or 540-828-5662 for further information.

Music

In the Department of Music at Bridgewater College, you will be quickly immersed into a supportive musical environment that will help you hone your skills to reach your musical goals. Through ensembles, applied lessons, and academic music courses, you will explore many facets in the field of music.

Ensembles on campus are open to all students on campus, regardless of major. Ensembles include the Screamin' Eagles Marching Band, Concert Choir, Chorale, Symphonic Band, Jazz Ensemble, and Chamber Strings. We also offer smaller chamber ensembles like a cappella choirs, handbell choir, jazz combo, and many more!

Music majors may specialize in Music or Music Education. The music minor has the flexibility to fit the interest and goals of all students.

Numerous exciting courses offered by the Department of Music meet the College's general education requirement in fine arts.

Music

Degree Type
Bachelor of Arts - Major

Major Requirements

A bachelor of arts degree consisting of 42-48 credits. Students must complete 35 credits of core courses and 7-13 credits from one of the two tracks (music performance or music education).

Core Courses

Course Code	Title	Credits
MUS-115	Keyboard Skills I	1
MUS-116	Keyboard Skills II	1
MUS-215	Keyboard Skills III	1
MUS-216	Keyboard Skills IV	1
MUS-220	Introduction to Western Music	3
MUS-225	Theory and Aural Skills I	3
MUS-226	Theory and Aural Skills II	3
MUS-320	Basic Conducting	2
MUS-343	Music Arranging	3
MUS-345	Theory and Aural Skills III	3
MUS-380W	Exploration of Western Music	3
MUS-450	Senior Recital	1

Applied Music: All Music Majors are required to register for applied lessons and at least 1 major ensemble every semester

5 credits in applied music

Course Code	Title	Credits
	5 credits in applied music in the major performance area (300-level)	5

5 credits of major ensembles

Major ensembles are the following courses:

Course Code	Title	Credits
MUS-440	Chamber Strings	1
MUS-441	Concert Choir	1
MUS-442	Chorale	1
MUS-443	Symphonic Band	1
MUS-444	Jazz Ensemble	1

Students choose one track:

Music Performance (Track 1) 42 Credits Total

Course Code	Title	Credits
MUS-350	Junior Recital	1

Choose at least 6 credits from the following courses.

MUS-445 may be taken twice for credit.

Course Code	Title	Credits
MUS-210	Voice Methods	2
MUS-233 / SOC-233	Social History of Jazz in America	3
MUS-235	Music in Latin America	3
MUS-322	Choral Literature	1
MUS-323	Band Literature	1
MUS-271	Music in Film	3
MUS-420	Instrumental Conducting & Methods	3
MUS-421	Choral Conducting and Methods	3
MUS-445	Chamber Music	1

Music Education (Track 2) 48 credits total

Course Code	Title	Credits
MUS-140	Introduction to Music Education	1
MUS-210	Voice Methods	2
MUS-211	Brass Methods	2
MUS-212	Woodwinds Methods	2
MUS-213	String Methods	1
MUS-214	Percussion Methods	1

Choose One From Each of the Following

Course Code	Title	Credits
MUS-322	Choral Literature	1
MUS-323	Band Literature	1

Course Code	Title	Credits
MUS-420	Instrumental Conducting & Methods	3
MUS-421	Choral Conducting and Methods	3
	Total Credits	**42-48**

P-12 Teaching Certification

For P-12 Teaching Certification, completion of the following professional education, music education and field experience courses and requirements, admission to the education department and passing scores on the PRAXIS Examinations:

Course Code	Title	Credits
EDUC-140	Introduction to Teaching	3
EDUC-200	Educational Psychology	3
EDUC-215	Diversity in the Classroom	4
EDUC-334	Literacy in the Context Area	3
EDUC-372E	Classroom Management, Secondary	4
EDUC-380X	Practicum in Current Teaching Techniques	3
EDUC-452	Seminar in Educational Practices, Secondary	1
EDUC-470	Professional Student Teaching	13
MUS-422	Music Education in the Elementary School	3
MUS-436	Music Education in the Secondary School	3

Music

Degree Type
Minor

Minor Requirements

Consists of 18 credit hours including the following courses:

Required Courses

Course Code	Title	Credits
MUS-220	Introduction to Western Music	3
MUS-225	Theory and Aural Skills I	3
MUS-226	Theory and Aural Skills II	3

4 credits in applied lessons and/or major ensembles

Major ensembles are MUS-440, MUS-441, MUS-442, MUS-443, MUS-444

Course Code	Title	Credits
	4 credits in applied lessons and/or major ensembles	4

5 credits of any other music course

Excluding major ensembles, but including a maximum of 2 credits in MUS-445 Chamber Music and a maximum of 2 additional credits in applied lessons.

Course Code	Title	Credits
	Credits in music courses	5
	Total Credits	**18**

Endorsement in Music Education-Instrumental and Vocal (P-12)

Degree Type
Teacher Licensure

Refer to the Music major, Track 2-Music Education requirements and additional education courses.

Performing Ensembles

Ensemble members earn 1 credit per semester, and are expected to commit themselves to participation in the ensemble for the full academic year. These courses may be repeated for credit. Students from all majors are eligible for membership in the performing ensembles. The X version of ensemble courses may not be repeated for credit.

Applied Music Lessons

Applied music lessons are taught individually and are scheduled by the instructor. They are worth 1 credit per semester and may be repeated for credit. There is a fee to register.

Anyone may register for the 200-level courses. The expectation is that the student will practice at least three hours per week. The 300-level courses are for the major performance area of a student majoring in music. The expectation is that the student will practice at least six hours per week. Non-majors may register at the 300-level by auditioning and permission from the instructor.

Philosophy & Religion

The Department of Philosophy and Religion focuses on living the questions and engaging the world. The "big questions" of philosophy have shaped people's understanding of themselves, reality and meaning in life. Religion explores how these same questions relate to individual and communal beliefs, practices, and spiritual commitments in past and present cultures. The study of philosophy and religion develops skills of clear, logical thinking and writing, critical analysis of complex

problems, ethical reasoning and understanding different worldviews. These skills are highly valued by employers, particularly in humanitarian, policy and law professions.

Minoring in philosophy and religion also prepares students for graduate programs in philosophy or religion, as well as professional graduate degrees in Christian ministry, mediation or counseling, law, and other academic fields.

Students may choose to focus their studies on philosophies of being and knowing, world religions, ethics, interfaith studies, peace studies, or Christian studies.

Philosophy of Being and Knowing focuses on the nature of reality and of knowledge, including the possibilities and limits of knowing.

World Religions focuses on a variety of religious traditions, including their beliefs, practices, texts, ethics, and historical and social contexts.

Ethics focuses on theories and history of ideas of the right and the good, and applications of those concepts to different contemporary issues. Study in ethics prepares students for careers in law, humanitarian, policy, academic or ethics fields.

Interfaith Studies focuses on theories and practices that promote peace between the religions of the world. Interfaith Studies prepares students for humanitarian or counseling/mediation careers.

Peace Studies focuses on the study and understanding of peace and justice in both local and global communities, while recognizing the need for alternatives to structures of conflict and violence. Peace Studies prepares students for humanitarian or counseling/mediation careers.

Christian Studies focuses on history of the ideas and practices of Christianity, especially in relation to topics in history, culture and ethics. Christian Studies prepares students for service, careers and graduate study in the history, texts, theology and practices of Christianity.

Pre-Professional Programs The philosophy and religion minor with a focus on Christian Studies (see previous) qualifies one as an applicant to a seminary or university divinity school to pursue a master of arts or a master of divinity degree, a prerequisite for ordination to the ministry in most Christian denominations.

Peace Studies

Degree Type
Minor

Addresses the continuing need for effective alternatives to structures of conflict and violence. Prepares students for careers in conflict transformation, mediation or humanitarian work.

Minor Requirements

Consists of 18 credit hours including the following courses:

Required Courses

Course Code	Title	Credits
REL-335E	Christian Perspectives on Violence and Peace	3
SOC-367 / PHIL-367	Conflict Transformation	3

Choose One Course from the Following

Course Code	Title	Credits
REL-420EW	Christian Social Ethics	3
REL-318E	Religious Ethics	3

And three of the following courses:

Course Code	Title	Credits
PHIL-225E	Contemporary Moral and Political Problems	3
PHIL-490	Independent Study	3
HIST-317 / REL-317	History of the Christian Church	3
REL-319	History of the Church of the Brethren	3
REL-340	Religions of the Near East	3
REL-400	Peace Studies Seminar	3
REL-490	Independent Study	3
PSCI-335W	Peace, War and World Politics	3
PSCI-356	United States Foreign Policy	3
PSCI-420W	International Law & Organization	3
	Total Credits	**18**

Philosophy and Religion

Degree Type
Minor

Minor Requirements

Consists of 18 credit hours selected from philosophy and religion courses in consultation with the advisor in the minor and based on the student's interests, graduate school plans or professional plans.

	Total Credits	**18**

Psychology

Psychology, broadly defined, is the systematic, scientific study of physiological, behavioral and mental processes in humans and animals. The field of psychology is simultaneously a scholarly discipline, a research domain and an applied profession. Psychologists may work in clinical, counseling, educational, industrial or social settings and play central roles in the fields of health, sports, politics and business.

The main goal of the Department of Psychology at Bridgewater College is to teach students the significant concepts, theories, research findings and methodological approaches that have shaped the history of psychology and that represent the contemporary status of the field. A vital component of a Bridgewater student's training in psychology is direct involvement in psychological research and the application of knowledge, skills and techniques to the prevention, treatment and solution of individual and social problems.

The Department of Psychology offers a wide range of courses to students to represent the diversity of the field and to meet the diversity of students' interests. Students have the opportunity to choose those courses that best serve their interests and career goals.

The curriculum is research-focused while sampling from subfields within psychology that are traditionally regarded as fundamental (cognition, developmental and social) and those more often labeled as applied (clinical and sexuality), in addition to the neurosciences. Students often culminate their educational experiences through a faculty-mentored research project using state-of-the-art computing and laboratory or through applied research in an internship or practicum setting at one of many human service agencies in the area.

Psychology

Degree Type
Bachelor of Science - Major

Major Requirements

A minimum of 37 credits including the following courses:

Core Courses

(16 credits)

Course Code	Title	Credits
PSY-101	General Psychology	3
PSY-210	Introduction to Neuroscience	3
PSY-230	Research Methods	3
PSY-240	Behavioral Psychology	3
PSY-300	Measurement and Statistics	4

Fundamental Courses

Choose 9 credits from the following courses:

Course Code	Title	Credits
PSY-310	Psychopathology	3
PSY-330	Memory and Cognition	3
PSY-350	Social Psychology	3
PSY-317 / BIOL-317	Cognitive Neuroscience	3
PSY-370	Developmental Psychology	3
PSY-390	Sensation and Perception	3
PSY-399	Psychology of Personality	3

Applied Courses

Choose 6 credits from the following courses:

Course Code	Title	Credits
PSY-319 / BIOL-319	Functional Neuroanatomy	3
PSY-320	Clinical Psychology	3
PSY-340	Public Mental Health	3
PSY-360	Psychopharmacology	3
PSY-375 / BIOL-375	Applied Neuropsychology	3
PSY-380	Human Sexuality	3
PSY-400	Applied Behavior Analysis I: Fundamentals of Behavior Change	3
PSY-410	Applied Behavior Analysis II: Analysis And Intervention	3

Integrative Course

Choose 3 credits from the following courses:

Course Code	Title	Credits
BIOL-440	Animal Behavior	4
COMM-327	Interpersonal Communication	3
ES-345	Motor Behavior	3
ES-368W	Psychological Principles in Physical Education and Sport	3
ES-467	Health & Exercise Psychology	3
PHIL-367 / SOC-367	Conflict Transformation	3
PSCI-345	Political Psychology	3
PSY-450	Historical Issues in Psychology	3
PSY-460	Interaction Rituals: Research Seminar In Contemporary Psychology	3
PSY-470	Special Topics	3
PSY-475E	Neuroethics	3
PSY-480X	Internship	3
PSY-481X	Practicum in Applied Psychology	3
SOC-211	Criminology	3
SOC-451	Counseling and Personal Development	3

Plus 3 credits

Course Code	Title	Credits
	3 credits from any PSY course except PSY-499	3
	Total Credits	**37**

Neuroscience

Degree Type
Minor

Minor Requirements

A minimum of 20 credits including the following courses:

Core Courses

(10-11 credits)

Course Code	Title	Credits
PSY-425 / BIOL-425	Neuroscience Methods	4
PSY-475E	Neuroethics	3

Choose One Course from the Following

Course Code	Title	Credits
PSY-210	Introduction to Neuroscience	3
BIOL-110	Principles of Biology I	4

Plus 3 of the following :

Course Code	Title	Credits
PSY-317 / BIOL-317	Cognitive Neuroscience	3
PSY-319 / BIOL-319	Functional Neuroanatomy	3
PSY-360	Psychopharmacology	3
PSY-375 / BIOL-375	Applied Neuropsychology	3
PSY-390	Sensation and Perception	3
	Total Credits	**20**

Students interested in graduate work or careers in neuroscience are strongly encouraged to complete BIOL-305 and BIOL-314.

Psychology

Degree Type
Minor

Minor Requirements

A minimum of 18 credits including the following courses:

Required Courses

Course Code	Title	Credits
PSY-101	General Psychology	3
PSY-230	Research Methods	3

Plus 4 additional PSY courses

Course Code	Title	Credits
	4 additional PSY courses	12
	Total Credits	**18**

Sociology

The Department of Sociology offers a broad range of courses leading to a bachelor of arts with a major in sociology. Social work, crime and justice, and identity studies minors are options for students majoring in any discipline. Each year, our graduates go into a variety of careers and graduate programs in the social sciences, human services, education, the legal professions, criminal justice, government, business and communications. The department places a strong emphasis upon developing skills in interpretation, writing, research and data analysis that are broadly transferable among many professional vocations. Many sociology courses are taught in an interactive format, in which student contributions are central to class sessions. Subjects include gender and sexuality studies, food politics, criminology, inequality, family, race and ethnicity, social theory, and both quantitative and qualitative research and data analysis. The program features a balanced emphasis upon theoretical issues and practical skills; a senior practicum that is very flexible, with a strong reputation in local and regional organizations; and a curriculum structure that invites our majors to consider minors in related disciplines and opportunities for study abroad.

Sociology

Degree Type
Bachelor of Arts - Major

Major Requirements

Consists of 37-38 credit hours including the following courses:

Required Courses

Course Code	Title	Credits
SOC-101	Sociological Imagination	3
SOC-201	Sociological Practice	3
SOC-301	Classical Social Theory	3
SOC-302W	Contemporary Social Theory	3
SOC-321	Qualitative and Ethnographic Research	3
SOC-324	Quantitative Research Methods in Sociology	4
SOC-401X	Community Action	3

Choose One Course from the Following

Course Code	Title	Credits
MATH-140	Introduction to Statistics	3
PSY-300	Measurement and Statistics	4

Four additional SOC courses

Course Code	Title	Credits
	Four additional SOC courses approved by the department	12
	Total Credits	**37-38**

Crime and Justice

Degree Type
Minor

Minor Requirements

Consists of 24 credit hours including the following courses:

Required Courses

Course Code	Title	Credits
SOC-101	Sociological Imagination	3
SOC-211	Criminology	3
SOC-412	Adjudication and Corrections: Existing and Alternate Strategies	3

Choose One Course From the Following

Course Code	Title	Credits
SOC-483X	Senior Practicum in Crime and Justice	3
SOC-484X	Professional Practicum in Law Enforcement	18

Choose Four Courses from the Following

Course Code	Title	Credits
SOC-312	Juvenile Justice and Delinquency	3
SOC-313	Gender, Crime and Justice	3
SOC-314	World Justice Systems	3
SOC-315	Public Security and Insecurity	3
SOC-335	Immigrants in the Shenandoah Valley	3
SOC-367 / PHIL-367	Conflict Transformation	3
COMM-410E	Communication Law and Ethics in a Digital Age	3
PHIL-320E	Professional Ethics	3
PSCI-355	Constitutional Law of Civil Rights and Liberties	3
PSCI-420W	International Law & Organization	3
PSY-340	Public Mental Health	3
	Total Credits	**24**

Leadership and Community Engagement

Degree Type
Minor

An interdisciplinary program focusing on the nature, understanding, and application of leadership and community engagement. Drawing from several academic disciplines, students in the program gain an understanding of themselves and of leadership in a variety of contexts and environments as well as an understanding of what it means to work in community engagement fields dedicated to social change.

Minor Requirements

To complete the 18-credit hour minor, students will take three required courses (9 credits) and three elective courses (9 credits) that closely align with their major and/or professional goals.

Required Courses

Course Code	Title	Credits
IDS-201	Leadership Development Seminar	3
SOC-210E	Foundations of Community Engagement	3
IDS-471	Leadership & Community Engagement Capstone Seminar	3

Elective Courses

Students should choose three courses from the list below with no more than two courses taken in the same department. In consultation with their major and minor advisors, students should select elective courses that connect to their future vocational and personal goals.

Course Code	Title	Credits
BUS-300	Principles of Organization Management	3
BUS-422X	Entrepreneurship	3
COMM-325	Communication in the Organization	3
COMM-327	Interpersonal Communication	3
COMM-411	Strategic Campaigns	3
ECON-327	Economics and the Environment	3
ENVR-101	Introduction to Environmental Sciences	4
ENVR-301 / BIOL-301	Principles of Environmental Science	4
ENVR-305	Natural Resource & Environmental Law	3
ENVR-402 / BIOL-402	Conservation Biology	4
ES-300X	Personal and Community Health	3
ES-303	Topics and Concepts in School Health	3
ES-428	Implementing Health Promotion Programs	3
ES-456	Management Concepts in Health Care	3
PHIL-340E	Environmental Ethics	3
PSCI-215	Introduction to Public Policy	3
PSCI-260	Campaigns and Elections	3
PSCI-320	State and Local Politics	3
PSCI-345	Political Psychology	3
PSCI-380	Public Administration	3
PSCI-415	Policymaking, Interest Groups & Congress	3
PSY-350	Social Psychology	3
PSY-399	Psychology of Personality	3
SOC-367 / PHIL-367	Conflict Transformation	3
SOC-208E	Food Politics	3
SOC-333	Racial and Ethnic Studies	3

Other elective courses, including those from study abroad programs, may be included with departmental approval.

	Total Credits	**18**

Social Work

Degree Type
Minor

Minor Requirements

Consists of 21 credit hours in sociology and social work from the following courses:

Required Courses

Course Code	Title	Credits
SOC-254	Introduction to Social Work	3
SOC-255EX	Introduction to Social Welfare Systems	3
SOC-368W	Sociology of the Family	3
SOC-451	Counseling and Personal Development	3
SOC-481X	Field Experience in Social Welfare	3

Two courses from the following

Course Code	Title	Credits
SOC-211	Criminology	3
SOC-256	Group Process	3
SOC-312	Juvenile Justice and Delinquency	3
SOC-333	Racial and Ethnic Studies	3
SOC-335	Immigrants in the Shenandoah Valley	3
SOC-367 / PHIL-367	Conflict Transformation	3
SOC-366E	Sociology of Birth and Death	3
PSY-340	Public Mental Health	3
	Total Credits	**21**

Teacher Education Program (TEP)

Bridgewater College (BC) provides a state-approved program for the preparation of elementary and secondary teachers. Currently the BC Teacher Education Program (TEP) is in candidate status with the Council for the Accreditation of Educator Preparation (CAEP), expecting a site-visit in Fall 2020. Candidates who successfully complete the program and pass the PRAXIS Core Academic Skills for Educators: Math, Virginia Communications and Literacy Assessment (VCLA), Reading for Virginia Educators (RVE; P-6 only) and Praxis Content Area Knowledge Exam within their individual content endorsement area(s) are eligible for licensure in the Commonwealth of Virginia. Additionally, licensure eligibility may be reciprocal with other states as determined by agreements between states.

Areas of Licensure

Elementary (P–6): Pre-kindergarten through Grade 6

Secondary (6–12): Biology, Career Technical-Family and Consumer Science, Chemistry, English, Social Studies (History and Social Sciences), and Mathematics

Designated Disciplines (P–12): Health and Physical Education, Music (Instrumental or Vocal), Spanish, Theatre Arts, and Visual Arts

Candidates may seek an add-on endorsement in English as a Second Language (P-12), and/or Algebra I. Once candidates pass the content area exam in the initial licensure area, add-on endorsements may be earned for a variety of subjects through testing.

Gateways of Progression

The Teacher Education Program (TEP) requires a secondary-selective admissions process for student entrance to the status of candidate for teacher licensure. You will later need to apply separately to student teaching and upon successful conclusion of student teaching, separately to the Virginia Department of Education for licensure. The TEP Gateways are identified below:

1. Pre-Admission (Gateway 1)
2. Admission to the Program (Gateway 2)
3. Admission to Student Teaching (Gateway 3)
4. Program Completion (Gateway 4)

Gateway 1: Pre-Admission

The first gateway occurs once the student has declared a major in liberal studies (P-6 licensure), notifies the registrar's office of intent to earn a teaching license at the secondary level (6-12 licensure) in English, Family & Consumer Sciences, History & Social Sciences, Mathematics, Biology, Chemistry, or Physics, and contacts the TEP secondary education coordinator. Candidates who plan to earn P-12 licensure in Health & Physical Education, Music, Spanish, Theatre Arts, and Visual Arts notify the registrar of this plan, notify their advisor in the designated discipline, and contact the secondary education coordinator. Please note that applying to TEP is the first step to becoming a teacher. TEP P-admission candidates may enroll in up to four education courses while completing all requirements for admission (Gateway 2).

POSSIBLE EDUCATION COURSES: EDUC 140: Introduction to Teaching; EDUC 200: Educational Psychology; EDUC 215: Diversity in the Classroom; and EDUC 316 Strategies for Teaching Mathematics in the Elementary Classroom (elementary candidates only).

REQUIRED PROGRAM CONTENT: Before completing the selective-secondary admissions the P-candidate must pass the PRAXIS Core Academic Skills for Educators: Math (unless exempt through SAT/ACT scores) and the Virginia Communication and Literacy Assessment (VCLA).

Gateway 2: Admission to the Program

The following requirements must be met prior to admission to the TEP and maintained throughout the program:

1. Achieve an overall grade point average of 2.5 or better;
2. Pass the Virginia Communication and Literacy Assessment (VCLA; cut score 470);
3. Pass the PRAXIS Core Academic Skills for Educators: Math (150) or be exempt based on SAT Math score of 560 or above or ACT Math score of 21 or above;
4. Complete an application for admission to the Teacher Education Program;
5. Receive positive recommendations from a TEP faculty member, the academic advisor, the Dean of Candidates and at least one outside reference;
6. Verify previous work or volunteer experience with youth (through the outside reference);
7. Be interviewed and recommended for admission by interview panel; and
8. Be approved by the Director of the Teacher Education Program.

NOTE: Candidates who already hold a bachelor's degree and are seeking to fulfill requirements for certification and licensure must adhere to the same requirements as degree seeking candidates.

PROBABLE EDUCATION COURSES: (For P-6-Liberal Studies Candidates) EDUC 330: Early Literacy, EDUC 332 Intermediate Literacy, EDUC 371E: Classroom Management, Elementary; **(For 6-12 Candidates)** EDUC 334: Literacy in the Content Area and EDUC 372: Classroom Management, Secondary; **(For P-12 Designated Disciplines Candidates)** EDUC 334: Literacy in the Content Area, and EDUC 372: Classroom Management, Secondary

REQUIRED PROGRAM CONTENT: Complete application for student teaching; complete background check

Gateway 3: Admission to Student Teaching

As mentioned, admission to the TEP does not imply admission to student teaching. Student teaching applications are available online and must be submitted by December 1 for Fall candidates and March 1 for Spring candidates of the academic year prior to student teaching. Further, candidates must:

1. Have maintained the requirements set forth for admission to the Program;
2. Have continued to advance in knowledge, skills, and dispositions in General Education, the content area major, and TEP courses and experiences;
3. Have completed all professional education courses with a grade of "C" or higher;
4. Complete the Student Teaching Application, which includes a plan to have taken the PRAXIS Content

Area Knowledge Assessment and Reading for Virginia Educators (RVE, elementary only) prior the start of student teaching;
5. Obtain approval from the department of the candidate's content major;
6. Have demonstrated dispositions of personal and professional behaviors that support student learning and/or the performance of other professional responsibilities as measured by field experience evaluations by classroom clinical faculty and BC TEP supervisors.

PROBABLE EDUCATION COURSES:

P-6-Liberal Studies Candidates: EDUC 380X: Practicum in Current Teaching Techniques; EDUC 406: Curriculum & Instruction in Elementary Classroom; EDUC 451: Seminar in Educational Practices, Elementary; EDUC 470: Professional Student Teaching or EDUC 465: Professional Student Teaching for Dual ESL Endorsement

6-12 Candidates: EDUC 380X: Practicum in Current Teaching Techniques; EDUC 412: Curriculum & Instruction in Secondary Classroom; EDUC 452: Seminar in Educational Practices, Secondary; EDUC 470: Professional Student Teaching

For P-12 Designated Disciplines Candidates: EDUC 380X: Practicum in Current Teaching Techniques; EDUC 452: Seminar in Educational Practices, Secondary; EDUC 470: Professional Student Teaching

REQUIRED PROGRAM CONTENT: Complete required modules; Achieve certification in CPR/AED/First Aid from American Heart Association or the American Red Cross; **P-6 candidates must also complete** the Reading for Virginia Educators (RVE) Test (after completion of EDUC 332)

Gateway 4: Program Completion

If you have fulfilled all College and TEP requirements, Bridgewater College will *recommend* you for licensure to the Commonwealth of Virginia; however, the actual awarding of licensure is granted by the Virginia Department of Education (http://www.doe.virginia.gov/teaching/licensure). In order to be considered a program completer and receive Bridgewater College's recommendation for licensure, a candidate must:

1. Complete all professional education EDUC courses with a grade of "C" or higher;
2. Complete all field experiences and the EDUC 380X Practicum with a grade of "C" or higher and complete student teaching with a grade of "S";
3. Successfully pass all assessments, including the PRAXIS Core Academic Skills for Educators: Math OR exemption; VCLA; RVE (P-6 licensure only); and PRAXIS Content Area Knowledge Assessment;
4. Complete the Child Abuse modules as required by VDOE;
5. Complete the Dyslexia modules as required by VDOE;
6. Complete CPR, First Aid, and AED training (provided by the BC Health and Human Sciences department or earned through other VDOE approved provider e.g., American Heart Association
7. Complete all requirements for the B.S. or B.A. degree;
8. Maintain an overall GPA of 2.5 or higher;
9. Complete all required paperwork and provide a check or money order made out to the Treasurer of Virginia for the cost of processing.

Admission Information

Students interested in applying to the Teacher Education Program should declare their major with the Registrar's Office and ensure that they know you are interested in applying to the program. Some courses require admissions to the Teacher Education Program before they can be taken. Those courses are EDUC: 307, 330, 332, 334, 371E, 380X, 406, 412, 451, 452, 460, 465 and 470.

Applying to the Teacher Education Program requires three steps.

STEP 1: Entry Assessment and GPA: Complete standardized math, reading and writing assessments (Click for registration information).

- VCLA Reading & Writing (composite score of 470), AND
- Praxis Core Math (score of 150) or one of the following substitute tests:
  - ACT Math score of 22 + ACT Composite score of 24
  - SAT Math score of 560 (if taken on or after 3/1/16) or SAT Math score of 530 (if taken between 4/1/95 – 2/29/16)
- GPA: Candidates must have and maintain a GPA of at least 2.5

STEP 2: Apply: Complete the electronic Teacher Education Program Application which includes:

- Contact Information
- Entry Assessment Scores
- Two Professional References

Candidate must have no record of any felony or misdemeanor conviction involving children or drugs, or founded complaint of child abuse or neglect

STEP 3: Interview: TEP Faculty and local stakeholders (alumni/local teachers) will interview candidates at the interview night. Candidates are only eligible for interview once they have successfully completed STEPS 1 and 2. **Applications will be processed according to the following schedule:**

Applications received	Interview	Notification of Next Steps
No later than 2 weeks before interview	Last week in August	1 week after interview
	First week in November	
	First week in April	

*If a candidate is NOT fully accepted by the anticipated acceptance deadline, the Director will determine if they can be rolled into the next anticipated acceptance cohort.

Questions should be sent to education@bridgewater.edu

Test Preparation and Support

The Virginia Department of Education requires multiple assessments for teacher licensure. Candidates will take practice tests for the Virginia Commonwealth Literacy Assessment and PRAXIS Core Academic Skills for Educators: Math assessments in EDUC 140: Introduction to Education. If a candidate earns passing scores on the practice tests, then it is advised that the candidate register and take these assessments immediately. Just prior to student teaching, candidates will take a Praxis Exam in their content area. Major coursework prepares you for this content area exam, so we recommend taking the Praxis Content Areas exam just before student teaching. Preparation materials for each content area exam can be found at ets.org and Quizlet can also be a good resource. Elementary education teacher candidates will also take the Reading for Virginia Educators; this assessment is to be taken immediately after the EDUC 332: Intermediate Literacy course. See Dr. Jenny Martin (jmmartin@bridgewater.edu) for support with registration and test preparation; testing support is offered weekly on Mondays and Tuesdays from 2:00-4:00 in Flory Room 315.

Program Disciplinary Information

The Director of the Teacher Education Program (TEP) has the primary responsibility of investigating allegations and enforcing formal disciplinary sanctions for the TEP. Informally, faculty, staff or outside field supervisors can deliver a warning (written and/or verbal). **The College's grievance policy outlines the decision appeals process.**

Warning (Verbal and/or Written)

Every faculty, staff, College supervisor, and cooperating teacher can institute a warning for violations of policies that are not considered egregious. A warning can precede further sanctions including dismissal from the program. A verbal and/or written warning, however, is not required before further sanctions can be imposed. Not every situation will warrant a warning first before more significant disciplinary sanctions can occur. Likewise, not every faculty, staff, college supervisor or cooperating teacher consistently applies warnings for given circumstances. Understand that any violation of policy can immediately result in disciplinary sanctions, including dismissal from the program.

Procedures for Warning

1. In the event of one or more disciplinary issues, faculty (one or more) will meet with the candidate to review the situation.
2. The faculty may consult with other relevant faculty, school administrator, or classroom teacher to gather further information.
3. A verbal warning may be extended to the candidate without further pending action. If the faculty feel as if a written warning is warranted, the document is to be signed by the candidate and provided to the Director of Teacher Education for placement in the candidate's records.
4. This process is an informal disciplinary category and follow-up occurs only with continued infraction.

Improvement Plan

Improvement Plan indicates that the candidate has failed to meet the academic or behavior standards necessary for the teaching profession but has not reached the level of more formalized probation or program dismissal. This status indicates that the student is nearing the point of program probation and/or dismissal and is using this step to attempt to remedy the deficient issue(s). Candidates with an Improvement Plan must have the status removed prior to their admission to student teaching. If an Improvement Plan is required during student teaching, the problem must be resolved before the student teaching placement is concluded or the ability to graduate will be impacted. The individual program faculty can design an Improvement Plan but a copy must be filed with the Director of the Teacher Education Program.

Procedures for Improvement Plan

1. In the event of one or more disciplinary issues, faculty (one or more) will meet with the candidate to review the situation.
2. The faculty may consult with other relevant faculty, school administrator, or classroom teacher to gather further information.
3. The faculty member will then create an Improvement Plan with the candidate and submit the plan to the Director of TEP.
4. A copy of the Improvement Plan will be placed in the candidate's TEP file.
5. The Director of TEP and/or designee will conduct tracking, including resolution, removal, and/or elevation of the Improvement Plan to a more formalized level of discipline.

Probation

Status of probation will require a written plan for remediation. In some instances, the remediation will include outlined steps of improvement. In other circumstances, time and consistent positive action may be the only solution for full program reinstatement. While candidates on probation are still Teacher Education candidates, any other sanction delivered while the candidate is on probation will result in immediate dismissal from the Teacher Education Program (TEP). Candidates on probation must have the status removed prior to their admission to student teaching. If probation is required during student teaching, the problem must be resolved before the student teaching placement is concluded or the ability to graduate will be impacted. The director of TEP will investigate allegations and enforce probation status.

Procedures for Probation

1. Egregious and/or repeated violations of program policy, behaviors and/or infractions ofany requirements for admissions will result in referral to the Director of TeacherEducation Program (TEP) for investigation.
2. The Director of TEP may consult with other relevant faculty, program coordinator,school administrator, or classroom teacher to gather further information.
3. The Director of TEP will interview the candidate to gather further information.
4. The Director of TEP, in consultation with the relevant program coordinator willdetermine that the candidate's actions and/or behaviors warrant probation status.
5. The Director of TEP and relevant program coordinator will meet with the candidate andprovide documentation outlining the criteria for probation and resolution.
6. The candidate, Director of TEP, and program coordinator will all sign the probationletter, giving the candidate a copy and placing an electronic copy in the candidate's file.
7. The Director of TEP and/or designee will conduct tracking, including resolution, removal,and/or elevation of probation to program dismissal.

Dismissal

The TEP may dismiss a candidate from the program for failure to meet, satisfy, or demonstrate satisfactory performance in one or more of the following areas:

- The candidate fails to maintain the requirements set forth for admission to the TEP;
- The candidate lacks the ability to communicate and work effectively with peers, school personnel, and/or P-12 candidates;
- The candidate's behavior jeopardizes the education, safety, or well-being of the candidates as determined by school personnel, BC TEP education administrators, or other BC faculty;
- The candidate fails to meet the requirements of other disciplinary sanctions
- The candidate fails to meet the legal requirements and professional expectations as set forth by the Virginia Department of Education (VDOE) Teacher Licensure Regulations.

Candidates dismissed from the program may apply for re-acceptance into the program, provided that all program requirements have been met. Final acceptance into the program will be based upon completion of all admission criteria. The status of dismissal from the TEP is different than dismissal from the College. While dismissal from the College dictates dismissal from the TEP, dismissal from the TEP does not necessarily imply dismissal from the College. The director of TEP will investigate allegations and enforce program dismissal.

Procedures for Probation

1. Egregious and/or repeated violations of program policy, behaviors, violation of theterms of probation, and/or infractions of any requirements for admissions will result inreferral to the Director of Teacher Education Program (TEP) for investigation.
2. The Director of TEP may consult with other relevant faculty, TEP coordinator, schooladministrator, or classroom teacher to gather further information.
3. The Director of TEP will interview the candidate to gather further information.
4. The Director of TEP, in consultation with the relevant program coordinator willdetermine that the candidate's actions and/or behaviors warrant dismissal from the TEPprogram.
5. The Director of TEP and relevant program coordinator will meet with the candidate andprovide documentation outlining the reason for program dismissal.
6. The candidate, Director of TEP, and program coordinator will all sign the dismissal letter,giving the candidate a copy and placing an electronic copy in the candidate's file.

Appeal

A candidate who is on probation or dismissed from the Bridgewater College Teacher Education Program may appeal the decision following the College's Grievance Process.

Licensure and Certification

Federal regulations from the United States Department of Education require Bridgewater College to disclose whether its educational programs meet the conditions for

state credentialing (e.g., certification or licensure). Bridgewater College is approved by the Commonwealth of Virginia Department of Education (VDOE) to offer 16 initial licensure programs at the undergraduate level.

Elementary Education (P-6): Pre-kindergarten through Grade 6 (major in Liberal Studies)

Secondary Education (6-12): Biology, Career Technical-Family and Consumer Science, Chemistry, English, Social Studies (History and Social Studies), and Mathematics

Designated Discipline Education (P-12): Health and Physical Education, Music (Instrumental or Vocal), Spanish, Theatre Arts, and Visual Arts

Students who successfully complete the program and pass the PRAXIS Core Academic Skills for Educators: Math, Virginia Communications and Literacy Assessment (VCLA), Reading for Virginia Educators (RVE; P-6 only) and Praxis Content Area Knowledge Exam within their individual content endorsement area(s) are eligible for licensure in the Commonwealth of Virginia. Additionally, licensure eligibility may be reciprocal with other states as determined by agreements between states. Normally, credentialing as a teacher requires other (non-course related) information to be completed such as first aid/CPR, modules on dyslexia/child abuse, character assessment/references, criminal background assessment and other qualifications that may be unique or similar between varied U.S. jurisdictions.

Liberal Studies

Degree Type
Bachelor of Arts - Major

Major Requirements

The following core courses are required for the liberal studies major.

Core Courses

Course Code	Title	Credits
ENG-345W	Literature for Children	3
PWR-315	Teaching Writing	3
MATH-105	Mathematical Theory & Computation I	3
MATH-115	Mathematical Theory & Computation II	3
MATH-140	Introduction to Statistics	3
HIST-201	History of the United States to 1877	3
HIST-202	History of the United States Since 1877	3
EDUC-195	World Regional Geography	3
BIOL-100	The Nature of the Biological World	4

Choose One Course From Each of the Following

Course Code	Title	Credits
ECON-200	Principles of Macroeconomics	3
ECON-210	Principles of Microeconomics	3

Course Code	Title	Credits
PWR-275	Grammar, Style & Editing	3
ENG-300	Linguistics	3

Course Code	Title	Credits
HIST-105	World History to 1500	3
HIST-110	World History Since 1500	3

Course Code	Title	Credits
PHYS-110	Introductory Astronomy	4
PHYS-119	Physics and the Modern World	4
PHYS-125	Concepts of Physics	4

Course Code	Title	Credits
HDFS-345	Child Development	4
HDFS-408X	Parent & Child Relations	3

Students choose one track:

Licensure (P-6) Track:

This track in the liberal studies major is linked to teacher licensure, thus all requirements (core and education courses) must be completed prior to graduation. A candidate cannot graduate with this track and then return to complete student teaching.

In addition to the core requirements, complete the following professional education courses for Elementary Education (P-6) Licensure:

Course Code	Title	Credits
EDUC-140	Introduction to Teaching	3
EDUC-195	World Regional Geography	3
EDUC-200	Educational Psychology	3
EDUC-215	Diversity in the Classroom	4
EDUC-316	Strategies for Teaching Mathematics in the Elementary Classroom	3
EDUC-330	Early Literacy	4
EDUC-332	Intermediate Literacy	2
EDUC-371E	Classroom Management, Elementary	4
EDUC-380X	Practicum in Current Teaching Techniques	3
EDUC-406	Curriculum and Instruction Elem Class Elementary Classroom	4
EDUC-451	Seminar in Educational Practices, Elementary	1
EDUC-470	Professional Student Teaching	13

Non-Licensure Track:

In addition to the core requirements, choose 9 hours from the following:

Choose one:

Course Code	Title	Credits
HDFS-319	Interpersonal & Marital Relationships	3
HDFS-345	Child Development	4
HDFS-346	Adolescent Development	3
HDFS-347	Family Law & Public Policy	3
HDFS-408X	Parent & Child Relations	3
HDFS-440	Family Life Methodology	3

Choose one:

Course Code	Title	Credits
EDUC-330	Early Literacy	4
EDUC-371E	Classroom Management, Elementary	4
EDUC-334	Literacy in the Context Area	3
SOC-368W	Sociology of the Family	3

Choose one:

Course Code	Title	Credits
EDUC-480X	Internship	3
HDFS-480X	Internship	3

Designated Disciplines (P-12)

Degree Type
Teacher Licensure

The following are P-12 licensure areas: Health and Physical Education, Music (Instrumental or Vocal), Theatre Arts, Visual Arts, and Spanish. Candidates may also seek add-on endorsements in Algebra I, English as a Second Language, and Journalism.

Health and Physical Education Licensure (P-12)

The same education course sequence as for secondary licensure except for EDUC-140, EDUC-334, and EDUC-412. Also refer to the health and physical education major in the Department of Health and Human Sciences section of this catalog.

Music Education (Vocal and Instrumental) Licensure (P-12)

Refer to the music department section of this catalog for the education course sequence.

Theatre Arts Education Licensure (P-12)

The same education course sequence as for secondary. Also, refer to the Department of Communication Studies and Theatre section of this catalog for the required theatre course sequence.

Visual Arts Education Licensure (P-12)

The same education course sequence as for secondary licensure.

Spanish Education Licensure (P-12)

The same education course sequence as for secondary licensure.

Add-On Endorsement Options to the Initial Licensure Area (PRAXIS Required):

Algebra I

Refer to the mathematics and computer science department for required coursework.

English as a Second Language ESL (P-12)

Endorsement Requirements

For ESL endorsement, the following courses are required in addition to the major and the education courses listed for either the elementary or secondary licensure.

Required Courses

Course Code	Title	Credits
COMM-100	Oral Communication	3
EDUC-330	Early Literacy	4
ENG-110	Effective Writing	3
ENG-300	Linguistics	3
EDUC-215	Diversity in the Classroom	4
EDUC-307	Practicum in Current Teaching Techniques for ESL Endorsement	2
EDUC-406	Curriculum and Instruction Elem Class Elementary Classroom	4

Choose One Course from the Following

Course Code	Title	Credits
EDUC-332	Intermediate Literacy	2
EDUC-334	Literacy in the Context Area	3

FREN/SPAN

Course Code	Title	Credits
	French or Spanish	6
ENG-317 / FREN-317 / SPAN-317	ESL and World Language Teaching	3
EDUC-460	Professional ESL Student Teaching	4
EDUC-465	Professional Student Teaching for Dual ESL Endorsement	12

Journalism

Required Courses

COMM/PWR-131X requires that 2 prerequisite credits be earned in the same course.

Course Code	Title	Credits
COMM-255W / PWR-255W	Introduction to News Writing	3
COMM-131X / PWR-131X	News Practicum	1
COMM-240	Contemporary Media Industries	3
COMM-410E	Communication Law and Ethics in a Digital Age	3

Elective Courses

Choose one of the following courses:

Course Code	Title	Credits
ART-322	Web Design and Development	3
ART-344	Photography	3
ART-347	Videography I	3

Elementary (P-6)

Degree Type
Teacher Licensure

The elementary education program prepares the candidate to teach in (P-6) (PreKindergarten through grade 6).

Secondary (6-12)

Degree Type
Teacher Licensure

The secondary education program prepares candidates to teach grades 6-12 in the following content areas: Biology, Chemistry, Computer Science, English, Human Development and Family Science, History and Social Studies, and Mathematics.

Course Code	Title	Credits
EDUC-140	Introduction to Teaching	3
EDUC-200	Educational Psychology	3
EDUC-215	Diversity in the Classroom	4
EDUC-334	Literacy in the Context Area	3
EDUC-372E	Classroom Management, Secondary	4
EDUC-380X	Practicum in Current Teaching Techniques	3
EDUC-412	Curriculum and Instruction Second Class Secondary Classroom	4
EDUC-452	Seminar in Educational Practices, Secondary	1
EDUC-470	Professional Student Teaching	13

World Languages & Cultures

The Department of World Languages and Cultures offers a proficiency-oriented program, which is designed for students who want to increase their language skills and expand their knowledge of the culture and literature from the various areas where the language is spoken. We offer a major and a minor in Spanish. Our majors study a core of courses designed to develop listening, speaking, reading and writing skills along with cultural sensitivity and knowledge. Students supplement the core with courses best suited to their future plans.

A Spanish major is an excellent basis for graduate study in many fields, and there is also currently a strong demand for world language teachers. In addition, many of our majors and minors study a world language as a type of "value-added" component to their studies in another field. As a result, alumni of Bridgewater's world languages and cultures program are using their language skills in the fields of business, social work, government service, medicine and education. The study of a world language not only enriches a student's liberal arts education through the understanding and appreciation of another culture and language, but also provides a practical skill for employment in the global community.

General Education

The College's general education requirement of courses in world cultures through language can be met by completing one course in world language at the 102, 201 or 202 level (3 credits). A placement credit for 202 in a world language course will exempt a student from this requirement.

Spanish Majors

A major in Spanish consists of a minimum of 30–36 credit hours, depending on placement. A minimum of 30 credit hours must be taken in courses numbered 300 or above,

and a semester in a study abroad program or equivalent, usually in the student's junior year, is strongly recommended.

Spanish

Degree Type
Bachelor of Arts - Major

Major Requirements

Requires the bachelor of arts degree. All majors must place at the advanced level on the world language placement test, or complete SPAN-201 and SPAN-202 in order to begin the 30 hours of advanced work required. Twenty-four hours of advanced work must be taken on campus. The remaining 6 credits may include study abroad courses. Consists of 30–36 hours, depending on placement: SPAN-201 and SPAN-202 or placement at the advanced level.

Both of the following

Course Code	Title	Credits
SPAN-310	The Structure of Spanish	3
SPAN-315	Special Topics in Writing	3

One of the following

Course Code	Title	Credits
SPAN-320	Advanced Conversation and Diction	3
SPAN-325	Art of Conversation	3

Both of the following

Course Code	Title	Credits
SPAN-340	Spanish Culture and Civilization	3
SPAN-345	Latin American Culture and Civilization	3

One of the following

Course Code	Title	Credits
SPAN-401	Spanish Literature	3
SPAN-402	Latin American Literature	3

6 credits of electives

Course Code	Title	Credits
	6 credits of electives from SPAN courses numbered 300 or above	6

Plus 6 additional credits

Course Code	Title	Credits
	6 additional credits from study abroad or other Spanish-language experience at the advanced level	6
	Total Credits	**30**

Spanish

Degree Type
Minor

Minor Requirements

All minors must place at the advanced level on the world language placement test or **complete SPAN-201–202** in order to begin the 21 hours of advanced work required. The Spanish minor consists of 21–27 credit hours depending on placement and consists of:

Both of the following

Course Code	Title	Credits
SPAN-310	The Structure of Spanish	3
SPAN-315	Special Topics in Writing	3

One of the following

Course Code	Title	Credits
SPAN-320	Advanced Conversation and Diction	3
SPAN-325	Art of Conversation	3

One of the following

Course Code	Title	Credits
SPAN-340	Spanish Culture and Civilization	3
SPAN-345	Latin American Culture and Civilization	3

One of the following

Course Code	Title	Credits
SPAN-401	Spanish Literature	3
SPAN-402	Latin American Literature	3

6 credits in electives

Course Code	Title	Credits
	6 credits of electives from SPAN courses numbered 300 or above	6
	Total Credits	**21-27**

Endorsement in Spanish (P-12)

Degree Type
Teacher Licensure

Requires the same education course sequence as for secondary licensure. Refer to the Teacher Education Program.

English as a Second Language ESL (P-12)

Degree Type

Endorsement Requirements

For ESL endorsement, the following courses are required in addition to the major and the education courses listed for either the elementary or secondary licensure.

Required Courses

Course Code	Title	Credits
COMM-100	Oral Communication	3
EDUC-330	Early Literacy	4
ENG-110	Effective Writing	3
ENG-300	Linguistics	3
EDUC-215	Diversity in the Classroom	4
EDUC-307	Practicum in Current Teaching Techniques for ESL Endorsement	2
EDUC-406	Curriculum and Instruction Elem Class Elementary Classroom	4

Choose One Course from the Following

Course Code	Title	Credits
EDUC-332	Intermediate Literacy	2
EDUC-334	Literacy in the Context Area	3

FREN/SPAN

Course Code	Title	Credits
	French or Spanish	6
ENG-317 / FREN-317 / SPAN-317	ESL and World Language Teaching	3
EDUC-460	Professional ESL Student Teaching	4
EDUC-465	Professional Student Teaching for Dual ESL Endorsement	12

Courses

Art

ART-115 : Introduction to Sculpture

An introductory exploration of 3-D forms in various materials including wood, clay, plaster, and metals. Emphasis in this course is on developing technical and critical skills in the sculpture studio. This course is designed to provide a foundation for students planning to take advanced sculpture and ceramics courses. ART-115 also functions as a stand-alone introduction to the technical and critical aesthetic fundamentals of sculpture. FILA general Education: fine arts & music.
Credits 3
Corequisites or Prerequisites
ENG-110
Term Offered
Fall and Spring
Session Cycle
FS

ART-120 : Introduction to Visual Design

A studio project-based introduction to the elements and principles of 2-D and 3-D design in visual art and communication contexts. Emphasis is on visual problem solving, mastery of visual design principles, technical proficiency, and critical analysis of how visual images communicate. This course provides a foundation for students planning to take advanced courses in any art media and other fields in which visual imagery plays an important role. As a stand-alone course ART-120 provides critical and practical skills related to visual communication.
Credits 3
Term Offered
Fall and Spring
Session Cycle
FS

ART-130 : Introduction to Drawing

A studio based exploration of drawing from observation using basic materials like graphite and charcoal. This course investigates drawing as a process generating and critically evaluating visual ideas as well as producing visual imagery. ART-130 is a foundation course for students planning to take advanced art courses in any medium. As a stand-alone, this course builds practical and theoretical skills in seeing and making the 2-D images we call drawings. FILA general education: fine arts & music
Credits 3
Corequisites or Prerequisites
FILA-150 or FILA-350EW
Term Offered
Fall and Spring
Session Cycle
FS

ART-200 : Survey of Art History (prehistory to 1400)

An overview of the history of art from the mysterious cave paintings and carvings of the Paleolithic to the towering structures of Gothic cathedrals. This course is a requirement for art majors and minors and is very highly recommended to other students as a visual approach to the study of history and society. FILA general education: fine arts & music.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Fall Only
Session Cycle
F

ART-201 : Survey of Art History (1400 to Present)

An overview of the history of art from the Renaissance to the present. This course is a requirement for art majors and minors and is very highly recommended for other students as a visual approach to the study of history and society. FILA general Education: fine arts & music.
Credits 3
Corequisites or Prerequisites
FILA-150 or FILA-350EW
Term Offered
Spring Only
Session Cycle
S

ART-202 : Non-Western Graphic Design

This course will critically examine the range of cultural influences manifested in both non-Western and Western graphic design products and will expand students' understanding of how non-Western cultures shape perceptions of space, colors, and symbols. Through readings, lectures, research, writing, and hands-on design exercises, students will engage in a comparative analysis of print advertising, posters, and digital design products from diverse countries while situating the design in an appropriate cultural context. FILA General Education: world cultures.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Spring Only
Session Cycle
S

ART-300 : Modern & Post-Modern Art

Critical study of the visual arts of the last 100 years with emphasis on understanding the implications of the concepts we know as modernism and postmodernism. FILA general Education: fine arts & music.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Spring Only
Session Cycle
S

ART-301W : Perspectives on Contemporary Art

This course is a critical exploration into the views and theories shaping the production of art from the late 20th century into the early 21st century. Starting with an understanding of postmodernism in an art context, this course examines the impacts of globalization, identity, representation and environmental issues as major paradigms shaping contemporary art practice. FILA general education: fine arts & music and writing intensive.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Fall Only
Session Cycle
F

ART-305X : Museums and Galleries

A critical study of the visual arts understood through the institutions we call museums and galleries. FILA general education: experiential learning.
Credits 3
Prerequisites
FILA-150 or FILA-350EW
Term Offered
May Term
Session Cycle
M

ART-307X : Visual Arts of Spain

An introduction to the visual arts and culture of Spain. Emphasis is on both historical and contemporary works of art and architecture, taking into consideration who and what influenced the artists and architects. Students are introduced to Spanish culture through food, music, markets, historical landmarks, and its landscapes and cityscapes. Visits include art and history museums, local markets, castles, cathedrals and other culturally relevant sites. FILA general education: world cultures and experiential learning.
Credits 3
Prerequisites
FILA-150 or FILA-350EW
Term Offered
May Term
Session Cycle
M

ART-309 : The Artist's Studio & Society

Critical examination of where, why and how visual artists work. Considers the relationships between artists and the communities in which they live and work.
Credits 3
Term Offered
May Term
Session Cycle
M

ART-310 : Ceramic Sculpture

Studio course working with clay to create sculptural forms using coils, slabs and press molds. FILA general education: fine arts & music.
Credits 3
Prerequisites
Sophomore standing
Corequisites or Prerequisites
ENG-110
Term Offered
Spring Only
Session Cycle
S

ART-311 : Wheel Thrown Ceramics I

Studio introduction to the potter's wheel as a tool in the production of functional and sculptural clay forms. FILA general education: fine arts & music.
Credits 3
Prerequisites
Sophomore standing
Corequisites or Prerequisites
ENG-110
Term Offered
Spring Only
Session Cycle
S

ART-315 : Wood Sculpture

Students conceptualize and create sculptural objects using wood as a primary material while gaining experience using hand and power tools and learning techniques including joining, laminating, fabricating, and carving. FILA general education: fine arts and music.
Credits 3
Prerequisites
Sophomore standing; FILA-150 or FILA-350EW
Term Offered
Spring Only
Session Cycle
S

ART-316 : Metal Sculpture

A hands-on introduction to metal sculpture. The purpose of the class is to offer students a basic knowledge and understanding of the metal working process. It will include cold and hot metal fabrication through demonstrations, lectures, research, and practice. FILA general education: fine arts and music.
Credits 3
Prerequisites
Sophomore standing; FILA-150 or FILA-350EW
Term Offered
Spring Only
Session Cycle
S

ART-322 : Web Design and Development

Design and construct websites using current HTML and CSS standards and digital tools including Brackets, Dreamweaver and Photoshop. Emphasis on design process, content development and professional workflows.
Credits 3
Prerequisites
Sophomore standing
Term Offered
Fall Only
Session Cycle
F

ART-323 : Graphic Design

A studio based exploration into visual communication with typography and images using Adobe Creative Cloud applications. Emphasis is placed on the design process and creative thinking. FILA general education: fine arts and music.
Credits 3
Prerequisites
Sophomore standing
Corequisites or Prerequisites
ENG-110
Term Offered
Spring Only
Session Cycle
S

ART-328 : The Book Arts

An interdisciplinary hands-on workshop in creating artist's books-works of art conceived and produced in book form. Book binding techniques and experimental approaches to narrative, materials and form are emphasized.
Credits 3
Prerequisites
Sophomore standing
Term Offered
Fall Only
Session Cycle
F

ART-330 : Intermediate Drawing

A studio exploration of drawing practice that builds on the foundations developed in ART-130, Introduction to Drawing. Starting with observational drawing this course will transition to exploring the potential of making drawings that are less dependent on observation. In the final stages of the class students will work on self-defined projects based on personal interests and questions.
Credits 3
Prerequisites
Sophomore standing; ART-130
Term Offered
Fall Only
Session Cycle
F

ART-331 : Collage and Assemblage

Learn skills and concepts for collage and assemblage, the re-purposing of 2D and 3D found images and objects into unique works of fine art. This class will examine the history and evolution of collage and assemblage, and its place in the world of fine art, applied arts, and advertising. FILA general education: fine arts & music.
Credits 3
Prerequisites
Sophomore standing; FILA-150 or FILA-350EW; ENG-110
Term Offered
Fall Only
Session Cycle
F

ART-335 : Painting

A project based investigation of the materials, practices, and aesthetics of painting with emphasis on how these three elements work together to create compelling 2-D colored images. This course provides practical and theoretical foundations for four hundred-level courses in drawing and painting and for independent work in these media. FILA general education: fine arts and music.
Credits 3
Prerequisites
Sophomore standing
Corequisites or Prerequisites
FILA-150 or FILA-350EW
Term Offered
Fall and Spring
Session Cycle
FS

ART-344 : Photography

Learn to skillfully and confidently use digital cameras and software including Adobe Lightroom and Photoshop to create compelling photographs. Emphasis is placed on composition, visual communication and creative process in a contemporary photography context. FILA general education: fine arts and music.
Credits 3
Prerequisites
Sophomore standing
Corequisites or Prerequisites
FILA-150 or FILA-350EW
Term Offered
Fall Only
Session Cycle
F

ART-346 : Studio Photography

Learn skills and concepts for studio lighting of portraits, objects and environments using continuous lights, strobes, on-camera lighting and special effects such as light painting. FILA general education: fine arts and music.
Credits 3
Prerequisites
Sophomore standing; FILA-150 or FILA-350EW
Term Offered
Spring Only
Session Cycle
S

ART-347 : Videography I

Learn the fundamentals of video production including camera operation and control, stationary and moving camera techniques, audio recording, natural and artificial lighting, framing and shot structure, and use of nonlinear editing software. Students will complete hands-on exercises and assignments designed to build strong visual and technical skills needed to produce effective videos and short films. FILA general education: fine arts and music.
Credits 3
Prerequisites
Sophomore standing
Corequisites or Prerequisites
FILA-150 or FILA-350EW; ENG-110; COMM-100
Term Offered
Fall and Spring
Session Cycle
FS

ART-451 : Advanced Art Studio 1

A studio course that focuses on the process of developing an individualized and informed visual direction in a specific art medium or media. Independent studio work, group critique, and familiarization with contemporary ideas and practices is emphasized. Students in Advanced Art Studio 1 continue developing ideas begun in a previous 300-level studio art course. The quality and level of the work is expected to be beyond that of the previous level. Meets concurrently with ART-452 and ART-453.
Credits 3
Prerequisites
Junior standing or Senior standing; At least one 300-level course in ceramics, drawing, painting, or sculpture
Term Offered
Fall and Spring
Session Cycle
FS

ART-452 : Advanced Art Studio 2

A studio course that focuses on the process of developing an individualized and informed visual direction in a specific art medium or media. Independent studio work, group critique, and familiarization with contemporary ideas and practices are emphasized. Students in Advanced Art Studio 2 continue developing ideas begun in ART-451 or a previous 300-level studio art course. The quality and level of the work is expected to be beyond that of the previous level. Meets concurrently with ART-451 and ART-453.
Credits 3
Prerequisites
Junior standing or Senior standing; ART-451
Term Offered
Fall and Spring
Session Cycle
FS

ART-453 : Advanced Art Studio 3

A studio course in which senior art majors produce a body of original creative work in a specific art medium or media for a spring semester senior thesis exhibition. Independent studio work, group critique, and familiarization with contemporary ideas and practices are emphasized. Students in Advanced Art Studio 3 continue developing ideas begun in ART-451 or ART-452. Students in ART-453 help mentor students in ART-451 and ART-452. Meets concurrently with ART-451 and ART-452.
Credits 3
Prerequisites
Senior standing; Art major; ART-451
Term Offered
Spring Only
Session Cycle
S

ART-455 : Advanced Digital Media Arts Studio 1

A production course that focuses on the process of developing an individualized and informed visual direction in a specific digital medium or media. Independent production work, group critique, and familiarization with contemporary ideas and practices are emphasized. Students in Advanced Digital Media Arts Studio 1 continue developing ideas begun in a previous 300-level digital media course. The quality and level of the work is expected to be beyond that of the previous level. Meets concurrently with ART-456 and ART-457.

Credits 3

Prerequisites

Junior standing or Senior standing; At least one 300-level course in graphic design, photography, web design, or videography

Term Offered

Fall and Spring

Session Cycle

FS

ART-456 : Advanced Digital Media Arts Studio 2

A production course that focuses on the process of developing an individualized and informed visual direction in a specific digital medium or media. Independent production work, group critique, and familiarization with contemporary ideas and practices are emphasized. Students in Advanced Digital Media Art Studio 2 continue developing ideas begun in ART-455 or a previous 300-level digital media art course. The quality and level of the work is expected to be beyond that of the previous level. Meets concurrently with ART-455 and ART-457.

Credits 3

Prerequisites

Junior standing or Senior standing; ART-455

Term Offered

Fall and Spring

Session Cycle

FS

ART-457 : Advanced Digital Media Arts Studio 3

A digital media production course in which students produce a body of original creative work in a specific digital medium or media for a spring semester senior thesis exhibition. Independent production work, group critique, and familiarization with contemporary ideas and practices are emphasized. Students in Advanced Digital Media Arts Studio 3 continue developing ideas begun in ART-455 or ART-456. Students in ART-457 help mentor students in ART-455 and ART-456. Meets concurrently with ART-455 and ART-456.

Credits 3

Prerequisites

Senior Standing; Digital Media Arts major; ART-455

Term Offered

Spring Only

Session Cycle

S

ART-461 : Professional Practices

Practical preparation for professional practice in art and the creative professions. Portfolio preparation, skills assessment, and self-promotion are emphasized along with other topics related to employment and career development.

Credits 3

Prerequisites

Senior standing; Art major or Digital Media Arts major

Term Offered

Fall Only

Session Cycle

F

ART-470 : Special Topics

A study of specific topics related to studio art and art history. May be taken more than once provided different topics are covered.

Credits 3

Term Offered

Fall and Spring

Session Cycle

FS

ART-480X : Internship

Provides an opportunity for a student to gain field experience in an area related to the student's program of study or career goals. The learning objectives for internships include connecting academic knowledge and problem-solving processes to experiences and problems in professional settings. Supervision of an intern is provided by an appropriate faculty member and by a site supervisor of the agency or business in which the student is an intern. A student who wishes to engage in an internship must consult with the appropriate faculty member at least eight weeks in advance of the start of the term in which the internship is to be completed. A description of the internship, signed by the student and the faculty sponsor, must be filed with the director of internships by the first day of the semester prior to the start of the internship. Approval of each application for an internship is made by the director of internships based upon approved policies and guidelines. Internships are graded on an S or U basis. Students must complete 120 hours of internship-related work as well as weekly journal entries and a final reflective paper completed in accordance with approved requirements. A student may enroll in an internship program for 3 credits per semester, and internship credit may be earned in subsequent semesters subject to the limitations that no more than two internships may be pursued in any one agency or business and a maximum of 9 credits in internships may be applied toward graduation. FILA general education: experiential learning.

Credits 3

Prerequisites

FILA-150 or FILA-350EW, junior or senior standing, and a minimum 2.0 grade point average

Term Offered

All Terms

Session Cycle

A

ART-490 : Independent Study

Upon approval of the department and the division head, a student with a cumulative grade point average of 2.20 or better may engage in an independent study or research project. One desiring to pursue independent study or research must submit a written description of the proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. At the end of the semester, the supervising professor files with the registrar a grade for the student and a description of the work accomplished. Credit may be received for no more than three independent studies or research projects.

Credits 3

Prerequisites

Completed application submitted to registrar's office

Term Offered

All Terms

Session Cycle

A

ART-491 : Research

Upon approval of the department and the division head, a student with a cumulative grade point average of 2.20 or better may engage in an independent study or research project. One desiring to pursue independent study or research must submit a written description of the proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. At the end of the semester, the supervising professor files with the registrar a grade for the student and a description of the work accomplished. Credit may be received for not more than three independent studies or research projects.

Credits 3

Prerequisites

Completed application submitted to registrar's office

Term Offered

All Terms

Session Cycle

A

ART-499 : Honors Project

An honors project is one in which a student researches a subject, by examination of relevant literature or by experimentation or both; the student reports the results in an accurately documented and well-written paper or appropriate representation of the work. Whenever the study deals with the subject of an established course, the student is expected to go well beyond the usual work of the course in research and in assimilation of the results as revealed in the report. Juniors and seniors with a cumulative grade point average of 3.40 or above may register for an honors project. One desiring to pursue an honors project must submit a written description of his or her proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. Upon the completion of the honors project, the student must present an oral defense of his or her project. The final grade must include a satisfactory performance on the oral defense, assessed by a three-faculty member team. The project advisor will authorize the make-up of the oral defense team and will assign the final grade on the project. The honors project title will be noted on the student's transcript. It is the student's responsibility to provide a copy of the written paper or appropriate representation of the work to the library in compliance with specifications approved by the Council on Education. The library director arranges for binding and storage.

Credits 3

Prerequisites

Completed application submitted to registrar's office

Term Offered

All Terms

Session Cycle

A

Biology & Environmental Science

BIOL-100 : The Nature of the Biological World

Survey of the discipline of biology designed for the non-major. Content varies with the expertise of the instructor, but all sections focus on the relevance/importance of biology in everyday life. Laboratory focuses on understanding science as a process and includes an independent research project with oral presentation. Three lectures and one lab per week. FILA general education: natural and physical sciences.
Credits 4
Corequisites or Prerequisites
MATH-110, MATH-115 or MATH-118
Term Offered
Fall and Spring
Session Cycle
FS

BIOL-110 : Principles of Biology I

Introduction to the biological sciences, covering biological chemistry, cell/tissue structure and function, genetics and microevolution. Intended for biology, health and human sciences, and environmental science majors. Three lectures and one lab per week. Biology and environmental science majors should take MATH-110. Other students should consult with their advisor about which course to take. FILA general education: natural and physical sciences.
Credits 4
Corequisites or Prerequisites
MATH-110 or MATH-118
Term Offered
Fall and Spring
Session Cycle
FS

BIOL-111 : Principles of Biology II

Introduction to the biological sciences covering macroevolution (systematic, taxonomy, phylogenetics), ecology and biodiversity. Intended for biology and environmental science majors. Three lectures and one lab per week.
Credits 4
Prerequisites
Complete BIOL-110 with a minimum grade of C-
Term Offered
Spring Only
Session Cycle
S

BIOL-200 / ENVR-200 : Professional Development

Designed to prepare biology and environment science students for entry into the job market, or further study at the graduate level. Meets once a week to address topics of relevance to postgraduates, including interview preparation, resume writing, certifications, graduate program admissions, etc. Students will prepare a career portfolio, individually designed to meet their specific needs, which will include a range of materials for professional and graduate school applications. The portfolio will be fully assessed at the end of the semester. (Cross-listed as ENVR-200)
Credits 1
Prerequisites
BIOL-309 or BIOL-350 or ENVR-301 or permission of the instructor
Term Offered
Spring Only
Session Cycle
S

BIOL-210 : Pre-Health Seminar

Designed to prepare students for the rigorous admissions process to pre-health careers. Students will develop a resume, personal statement, and other portfolio materials necessary for applications in senior year or after graduation. Meets once a week to address topics of course planning, internships, shadowing, volunteering, test preparation, patient-care hours, and how to be a competitive applicant. The portfolio will be fully assessed at the end of the semester.
Credits 1
Prerequisites
Sophomnore level standing and a 2.8 GPA
Term Offered
Spring Only
Session Cycle
S

BIOL-215 : Biology of Human Diversity & Pseudoscience of Racism

Human populations throughout the world differ in their physical appearance, behavior, customs, lifestyles, etc. Students learn about the biological basis of human homogeneity and diversity, and critically examine the construct of race as a sanctioned method of classifying human species into different groups. Consideration of biological principles that define species and subgroups, and discussion of key differences between early and modern techniques that biologists use to classify organisms. Case studies and examples from geographic locations around the world address some of the enormous social implications (health care, education, law enforcement) of using faulty science to group human beings into distinct racial categories. FILA general education: global dynamics. Offered alternate years.

Credits 3

Prerequisites

FILA-150 or FILA-350EW; ENG-110; MATH-110 or MATH-115 or MATH-118; BIOL-100 or BIOL-110

Term Offered

Spring Only

Session Cycle

S

BIOL-256 / ENVR-256 : Conservation Biology of Florida

Due to its location, geology and climate, Florida supports a variety of unique species and ecosystems. It also supports rapidly growing human populations and diverse economic activities. This course provides an overview of environmental and conservation issues that have arisen as human activity has increased (including water quality, decline of biodiversity, invasive species, and wetland loss and restoration). The class travels to Florida where they learn about environmental and conservation problems and solutions. Students examine the science as well as the economic, political and social aspects of the issues. (Cross-listed as ENVR-256)

Credits 3

Prerequisites

BIOL-100 or BIOL-110 or permission of instructor

Term Offered

May Term

Session Cycle

M

BIOL-257X : Marine Ecology

Field-based introduction to the biology and ecology of marine organisms and their habitats. Students learn about 1) the ocean as an environment, 2) the characteristics of organisms living in and near the ocean with a focus on marine invertebrates and fishes, and 3) ecological principles that govern the distribution and abundance of those organisms. Applied aspects of marine ecology including human impacts, managements, conservation, fisheries and tourism are included throughout the course. There is also time to explore the terrestrial ecosystems. Travel to marine locations enables students to apply academic and theoretical knowledge to natural settings and experiences. Assignments while traveling will emphasize reflection on and analysis of the intersection of course content and field experiences. FILA General Education: experiential learning.

Credits 3

Prerequisites

Permission of instructor; FILA-150 or FILA-350EW; BIOL-100 or BIOL-110

Term Offered

May Term

Session Cycle

M

BIOL-259 : Travel Course in Natural History

Explores the biology, geology, climate and natural history of geographic regions outside the Shenandoah Valley. Students examine the ecosystems, flora/fauna and conservation issues of the destination. This is a field course requiring travel, typically in Interterm. In the past the course has traveled to South Africa.

Credits 3

Prerequisites

BIOL-100 or BIOL-110

Term Offered

May Term

Session Cycle

M

BIOL-301 / ENVR-301 : Principles of Environmental Science

Exploration of basic biological, chemical, geological, and physical processes at work on the earth, its lifeforms and its natural resources. The extent of human impact and the need for global awareness are emphasized, along with the need for application of rapidly expanding knowledge and technology toward solution of environmental problems. Three lectures and one lab per week. (Cross-listed as ENVR-301)
Credits 4
Prerequisites
Complete BIOL-111 with minimum grade of C-

OR complete ENVR-101 with minimum grade of C-

OR permission of instructor
Term Offered
Fall Only
Session Cycle
F

BIOL-302X : Medical Terminology

For students intending to enter the health professions. Students learn basic medical terms and their meanings, etymologies, and rules for combining prefixes and suffixes. Content is taught on-line and students apply what they are learning through concurrent field experiences at health care institutions. Students reflect upon the integration of on-line content, experiential learning, and their own career goals. FILA general education: experiential learning.
Credits 3
Prerequisites
BIOL-305 or permission of instructor
Term Offered
May Term
Session Cycle
M

BIOL-305 : Introduction to Human Anatomy

Introduction to the structure and function of the human body, examining the skeletal, muscular, circulatory, nervous, digestive, respiratory, urinary and reproductive systems. Lecture focuses on topics of physiology/ function, histology, and their relation to anatomical structure, while the lab focuses on descriptive anatomy. Three lectures and one lab per week.
Credits 4
Prerequisites
Complete BIOL-110 with a minimum grade of C-

OR permission of instructor
Term Offered
Fall and Spring
Session Cycle
FS

BIOL-308 : Domestic Animal Nutrition

Introduction to nutrition and digestion in domestic animals, designed primarily for students in the pre-veterinary program. Topics include major nutrient classes and their functions in the body, feed classification and chemical analysis, feed processing, and nutrient requirements.
Credits 3
Prerequisites
BIOL-111
Term Offered
Spring Only
Session Cycle
S

BIOL-309 : Genetics

Introduction to both classical, Mendelian inheritance and molecular genetics with one lab per week.
Credits 4
Recommended Prerequisites
CHEM-161
Prerequisites
Complete BIOL-110 with minimum grade of C-

OR permission of instructor
Term Offered
Fall Only
Session Cycle
F

BIOL-310 : Histology

A systematic treatment of the microscopic structure of tissues and organs surveying the major organ systems of the body with a focus on cellular anatomy and physiology. Three lectures and one lab per week. Offered alternate years.
Credits 4
Recommended Prerequisites
BIOL-305; BIOL-314
Prerequisites
BIOL-110
Term Offered
Fall Only
Session Cycle
F

BIOL-311 / ENVR-311 : Animal Physiology

In this course we explore comparative animal physiology from an environmental perspective: how do various animals function in strikingly different environments? And how do changes in environments affect the animals' ability to maintain internal homeostasis and survive? Gaining knowledge in this subject will be essential for students with interests in animal health, wildlife and management of environmental resources. Course structure: active learning lectures and applied learning labs with live animals. Development of critical scientific thinking and effective scientific communication are significant components of the course. Credit may be received for one physiology course: BIOL-311, ENVR-311, BIOL-314, or BIOL-360. (Cross-listed as ENVR-311)
Credits 4
Prerequisites
Complete BIOL-110 with a minimum grade of C-
Term Offered
Fall Only
Session Cycle
F

BIOL-314 : Human Physiology

Introduction to the physiology of the human body including the physiology of enzymes and membranes, tissue physiology (nervous, muscular), and a detailed survey of the physiology of the major organ systems. Three lectures and one lab per week. Credit may only be received for one course: BIOL-311, ENVR-311, BIOL-314 or BIOL-360.
Credits 4
Prerequisites
Complete BIOL-110 with minimum grade of C- and BIOL-305

OR permission of instructor
Term Offered
Fall and Spring
Session Cycle
FS

BIOL-316 : Ornithology: the Biology of Birds

Explores the anatomy, physiology, ecology and behaviors that have produced an extraordinary biodiversity of bird species. The major groups of modern birds are introduced, and their origin and ecology are examined. Students learn to recognize local species in the field and examine them in the lab using the ornithology collections. Suitable for both biology majors and non-majors. Offered alternate years.
Credits 4
Prerequisites
BIOL-100 or BIOL-110
Term Offered
Spring Only
Session Cycle
S

BIOL-317 / PSY-317 : Cognitive Neuroscience

Examination of the contribution of neuroscience techniques to the understanding of sensation/perception, attention, learning, memory, language and consciousness. Lectures and papers involve an analysis of the interdisciplinary methods such as functional neuroimaging, electrophysiological methods, and the neurological impairments of brain-damaged patients. Offered alternate years. (Cross-listed as PSY-317)
Credits 3
Prerequisites
Take PSY-101; PSY-210 or BIOL-110; or permission of instructor
Term Offered
Spring Only
Session Cycle
S

BIOL-319 / PSY-319 : Functional Neuroanatomy

Comprehensive analysis of the organization of vertebrate nervous systems approached from a structural perspective with emphasis on the human central nervous system. Principles of organization are stressed. Laboratory component introduces students to neuroanatomical and neurohistological methods and techniques. Both the gross and fine microscopic anatomy of the nervous system are studied. Offered alternate years. (Cross-listed as PSY-319)
Credits 3
Prerequisites
PSY-101 and PSY-210; or BIOL-110; or permission of instructor
Term Offered
Fall Only
Session Cycle
F

BIOL-320 : Developmental Biology

Introduction to developmental biology with a focus on its fundamental aspects: embryogenesis, growth, cellular differentiation and morphogenesis. The study of theory is supplemented with hands-on observations of early development in animal embryos (salamander and/or mouse, or other animals). We also consider the impact of recent advances in developmental biology on our society by exploring the ethical, moral, and religious implications, as well as the legal issues that inevitably arise from work in this field. Offered alternate years.
Credits 3
Prerequisites
BIOL-111 and one additional BIOL course numbered 200 or above
Term Offered
May Term
Session Cycle
M

BIOL-321 : Herpetology

An introduction to the study of amphibians and reptiles. Lectures will focus on the origin and evolution of amphibians and reptiles, and on their biology, ecology and conservation. Lab will emphasize taxonomy, anatomy, species identification, and common field techniques used to study these groups. Offered alternate years.
Credits 4
Prerequisites
BIOL-111
Term Offered
Spring Only
Session Cycle
S

BIOL-322 : Mammalogy

A comprehensive survey of mammals. Lectures will focus on phylogenetics, the origin and evolution of mammals and their biology, ecology and conservation. Lab will emphasize taxonomy, species identification and common field techniques used to study mammals. Offered alternate years.
Credits 4
Prerequisites
BIOL-111
Term Offered
Fall Only
Session Cycle
F

BIOL-325 : Molecular Biology of the Cell

The molecular basis of cell structure and function. Topics include the chemistry, architecture and analysis of macromolecules, overview of thermodynamics and metabolism, enzymology, genetic processes and controls, recombinant DNA technology, and cell signaling mechanisms. Three lectures and one lab per week.
Credits 4
Prerequisites
Complete BIOL-110 with minimum grade of C-
and CHEM-161

OR permission of instructor
Term Offered
Spring Only
Session Cycle
S

BIOL-330 : Biostatistics

Introduction to fundamental statistical methods for biology students. Topics include descriptive statistics, experimental design and hypothesis testing. Material includes basic parametric and non-parametric statistical methods preparing students to analyze experiments testing multiple factors and multiple treatment groups. Two lectures and one lab per week. Offered alternate years.
Credits 3
Prerequisites
BIOL-111; MATH-110
Term Offered
Spring Only
Session Cycle
S

BIOL-335 : Field Botany

Intense field-based course that introduces students to the identification of plants in the field. The focus will be on the vascular flora of the Shenandoah Valley and surrounding mountain areas with trips to other parts of Virginia possible. Plant collection and specimen preservation are also included.
Credits 3
Prerequisites
BIOL-111
Term Offered
May Term
Session Cycle
M

BIOL-340 : Botany

A comprehensive survey of the plant kingdom that will include topics ranging from plant anatomy, physiology, diversity and ecology. Students interested in ecology, forestry and wildlife biology will find this course particularly useful. Three lectures and one lab per week. Offered alternate years.
Credits 4
Prerequisites
BIOL-111
Term Offered
Fall Only
Session Cycle
F

BIOL-350 : Ecology

Analysis of the distribution and abundance of organisms, population growth and regulation, and species interactions, as well as community and ecosystem processes. Three lectures and one lab per week.
Credits 4
Prerequisites
BIOL-111
Term Offered
Fall Only
Session Cycle
F

BIOL-360 : Environmental Physiology

This course will provide a framework for studying how animals function in their native environments at different stages of their life cycles. Its scope is animal physiology blended with environmental science: principles of physiological mechanisms are examined from the perspective of physiological adaptation in a given environmental context, including specific adaptations to environmental extremes. Course structure: active learning lectures and applied learning labs. Development of critical scientific thinking and scientific writing are significant components of the course. Credit may only be received for one course: BIOL-311, ENVR-311, BIOL-314 and BIOL-360.

Credits 4

Prerequisites

BIOL-110; BIOL-111; MATH-120

Term Offered

Fall Only

Session Cycle

F

BIOL-365 / ENVR-365 : Field Biology & Natural History

Field-based course providing a broad overview of techniques and concepts involved in field biology (especially ecology) including basic scientific method and a variety of sampling techniques. Course content also has a strong emphasis on basic natural history as students learn about and experience a wide variety of organisms (e.g. plant, fungi, insects, fish, amphibians, and mammals), ecosystems (e.g. forests, grasslands, wetlands, ponds, and streams) and ecological interactions. Students will also discuss techniques for interpreting/teaching these biological concepts to others. (Cross-listed as ENVR-365)

Credits 4

Prerequisites

BIOL-111; or permission of instructor

Term Offered

Summer

Session Cycle

SU

BIOL-370 / ENVR-370 : Stormwater Management and Nonpoint Source Pollution

In this course, students will learn about stormwater management practices and their effectiveness, as well as regulatory efforts. In addition, rural and agricultural practices that impact water quality will be addressed. Presentations and field assignments will be part of the course so students see how local work affects watershed quality. Students will learn management techniques specific to urban and rural environments; as well as the economic, political and sociological implications of these solutions. (Cross-listed as ENVR-370)

Credits 3

Prerequisites

ENVR-101 or BIOL-111

Term Offered

May Term

Session Cycle

M

BIOL-375 / PSY-375 : Applied Neuropsychology

Multidisciplinary course in neuroscience, with clinical ties to neurology, psychiatry and psychology, as well as basic scientific links to biology, computer science and cognitive studies. Examines how the structure and function of the brain relate to specific cognitive processes and overt behaviors through the use of neuropsychological testing methods. Topics include orientation, learning and memory, intelligence, language, visuoperception, and executive functioning. The administration, scoring and interpretation of various neuropsychological measures are discussed. Offered alternate years. (Cross-listed as PSY-375)

Credits 3

Prerequisites

PSY-230 or MATH-140 or SOC-322; and PSY-210 or PSY-317 or PSY-319 or BIOL-110; or permission of instructor

Term Offered

Spring Only

Session Cycle

S

BIOL-400 : Microbiology

Introductory survey of microbiology with an emphasis on bacteriology. The lecture component covers the structure, nutrition, metabolism, and genetics of microbes, medical microbiology, diagnostic techniques, microbial ecology, and industrial microbiology. The lab component includes biological safety, microscopy, culture techniques, media, staining, identification of unknown bacteria and an independent research project. Two lectures and two labs per week.

Credits 4

Recommended Prerequisites

BIOL-325

Prerequisites

BIOL-309 or permission of instructor

Term Offered

Fall Only

Session Cycle

F

BIOL-401 / ENVR-401 : Environmental Microbiology

Exploration of how microorganisms interact with their environment and the implications of these interactions for humans. Specific topics include antibiotic resistance; biodegradation; biodiversity; biofuels; bioremediation; extreme environments; geochemical cycles; methods for sampling; culture and analysis of environmental microorganisms; microbiology of air, water and soil; environmental pathogens; and microbiological treatment of sewage and water. Three lectures and one lab per week. Offered alternate years. (Cross-listed as ENVR-401)

Credits 4

Prerequisites

BIOL-309 or ENVR-320

Term Offered

Fall Only

Session Cycle

F

BIOL-402 / ENVR-402 : Conservation Biology

Survey of the methods used by the public and private sectors to manage the environment and natural resources. Primary emphasis on restoration ecology and conservation biology. Other topics addressed include environmental engineering (e.g. green chemistry and design of pollution control devices), economic considerations in conservation (e.g. conservation land easements and ecotourism), and government regulation. The lab provides students with experience applying standard methods of monitoring biological resources. The lab also provides an opportunity for students to hear talks from environmental experts and to travel to local sites where management activities are occurring. Offered alternate years. (Cross-listed as ENVR-402)

Credits 4

Prerequisites

BIOL-111

Term Offered

Spring Only

Session Cycle

S

BIOL-403 : Pathogenic Microbiology

Exploration of major human pathogens, including viruses, bacteria, fungi, protozoa, and helminths. Topics include host-parasite interactions, host defenses, pathogenic mechanisms, control of microorganisms, diagnosis and identification of infectious agents, antibiotic therapy, disease transmission and epidemiology. Class activities include discussion of medical case studies, literature analysis, identification of unknowns, and field trips. Three lectures and one lab per week.

Credits 4

Recommended Prerequisites

BIOL-325 and BIOL-400 strongly recommended

Prerequisites

BIOL-309 or permission of instructor

Term Offered

Spring Only

Session Cycle

S

BIOL-410 : Immunology

Development of immune responses through humoral and cell-mediated mechanisms transplantation and tumor immunology, hypersensitivity reactions, autoimmunity, and serology. Three lectures and one lab per week. Offered alternate years.

Credits 4

Prerequisites

BIOL-325

Term Offered

Fall Only

Session Cycle

F

BIOL-412 : Comparative Vertebrate Anatomy

Comparative study of the major organ systems in vertebrate animals. Lectures examine topics such as the origin and adaptive evolution of vertebrate anatomy and the systematic relationships between vertebrate groups. The lab provides a detailed examination of vertebrate anatomy. Three lectures and one lab per week. Offered alternate years.

Credits 4

Prerequisites

BIOL-111

Term Offered

Spring Only

Session Cycle

S

BIOL-420 : Plant Taxonomy

Broad survey of the diversity and classification of vascular plants. Students will learn to recognize common and important plant families as well as learn to identify local taxa. Traditional and modern methods of taxonomy and systematics are presented. Offered alternate years.

Credits 4

Recommended Prerequisites

BIOL-430

Prerequisites

BIOL-111

Term Offered

Spring Only

Session Cycle

S

BIOL-422 : Biogeography

Introduces the current and historical distributions of organisms in relation to all aspects of geography including climate, altitude, latitude, soils, etc. and how those distributions have changed over time. Combines information from physiology, ecology, and evolution. Field trips taken to illustrate local biogeographic patterns. Offered alternate years.

Credits 3

Recommended Prerequisites

BIOL-350

Prerequisites

BIOL-111

Term Offered

Spring Only

Session Cycle

S

BIOL-425 / PSY-425 : Neuroscience Methods

Lecture and laboratory course exposing students to a variety of research techniques employed by neuroscientists including behavioral and cognitive procedures for measuring reward, memory, attention and emotion; neuroanatomical procedures for staining and examining brain tissues; physiological procedures for recording the electrical activity of nerve cells, as well as commonly used techniques used to explore brain-behavior relationships (EEG, lesions, electrical and chemical stimulation). (Cross-listed as PSY-425)

Credits 4

Prerequisites

PSY-317 or PSY-319; CHEM-125 or higher; or permission of instructor

Term Offered

Spring Only

Session Cycle

S

BIOL-430 : Evolution

Examination of the mechanisms of biological evolution including mutation, natural selection, genetic drift, nonrandom mating, the genetic structure of species populations, the origin of new species and DNA evidence regarding relationships among species and higher taxa.

Credits 3

Prerequisites

Senior standing; BIOL-309; MATH-130; or permission of instructor

Term Offered

Spring Only

Session Cycle

S

BIOL-433 / ENVR-433 : Biology & Management of Fishes

Survey of diversity of fish (with an emphasis on freshwater fish of North America). Topics include taxonomy, anatomy, physiology, behavior, and ecology. Special emphasis on management of fish populations and diversity in the face of environmental threats including pollution, habitat alteration, overharvest, and invasive species. Lab includes basic ecology and behavior but focuses heavily on common fisheries' techniques. Offered alternate years. (Cross-listed as ENVR-433)

Credits 4

Prerequisites

BIOL-301 or ENVR-301 or BIOL-350

Term Offered

Spring Only

Session Cycle

S

BIOL-434W / ENVR-434W : Wildlife Ecology and Techniques

Explores the ecology of wildlife with an emphasis on North American mammals and birds. Students will learn basic and applied ecological principles and how to apply those principles to study and manage wildlife populations. Topics include habitat quality, forestry, nutrition, disease, population dynamics, and diversity. Lab emphasizes field and computer techniques. Three lectures and one four-hour lab per week. Offered alternate years. (Cross-listed as ENVR-434W)

Credits 4

Prerequisites

ENG-110; BIOL-111; or permission of instructor

Term Offered

Fall Only

Session Cycle

F

BIOL-435 / ENVR-435 : Freshwater Ecology

Introduction to aquatic ecosystems (lakes, ponds, streams and wetlands). Students learn about the major chemical and physical processes that determine the function of freshwater systems. Students are introduced to the major groups of aquatic organisms (algae, vascular plants, invertebrates, fish and amphibians). Strong emphasis on the impacts that humans have on freshwater systems. The lab introduces the basic skills necessary for the study and management of fresh waters. Offered alternate years. (Cross-listed as ENVR-435)

Credits 4

Prerequisites

BIOL-111 or permission of instructor

Term Offered

Fall Only

Session Cycle

F

BIOL-440 : Animal Behavior

Introduction to the theoretical framework and the methodology of animal behavior research. Students examine the causation, development, current function, and evolutionary history of behavior of invertebrates and vertebrates. Integrates concepts and principles from multiple disciplines to understand behaviors such as foraging and predation, mating systems, communication, parental care, social hierarchies, and territoriality. Students also review the history of the field of animal behavior and the contributions that animal behavior research can make to applied disciplines such as environmental conservation, biomedical research, and human psychology. Offered alternate years.

Credits 4

Prerequisites

BIOL-311 or BIOL-314 or PSY-210 or BIOL-350 or permission of instructor

Term Offered

Spring Only

Session Cycle

S

BIOL-460 : Special Topics

Studies from the areas of physiology, genetics, ecology, plant systematics, plant anatomy or plant physiology, and invertebrate zoology or entomology. Offered on demand.
Credits 3
Prerequisites
Permission of department
Term Offered
All Terms
Session Cycle
A

BIOL-461 : Independent Research

Open-ended research with a member of the biology faculty. A minimum of 40 hours of work in the library, laboratory, or field over the semester. May be repeated as necessary for credit.
Credits 1
Prerequisites
Permission of instructor
Term Offered
All Terms
Session Cycle
A

BIOL-462 : Independent Research

Open-ended research with a member of the biology faculty. A minimum of 80 hours of work in the library, laboratory, or field over the semester. May be repeated as necessary for credit.
Credits 2
Prerequisites
Permission of instructor
Term Offered
All Terms
Session Cycle
A

BIOL-480X : Internship

Provides an opportunity for a student to gain field experience in an area related to the student's program of study or career goals. The learning objectives for internships include connecting academic knowledge and problem-solving processes to experiences and problems in professional settings. Supervision of an intern is provided by an appropriate faculty member and by a site supervisor of the agency or business in which the student is an intern. A student who wishes to engage in an internship must consult with the appropriate faculty member at least eight weeks in advance of the start of the term in which the internship is to be completed. A description of the internship, signed by the student and the faculty sponsor, must be filed with the director of internships by the first day of the semester prior to the start of the internship. Approval of each application for an internship is made by the director of internships based upon approved policies and guidelines. Internships are graded on an S or U basis. Students must complete 120 hours of internship-related work as well as weekly journal entries and a final reflective paper completed in accordance with approved requirements. A student may enroll in an internship program for 3 credits per semester, and internship credit may be earned in subsequent semesters subject to the limitations that no more than two internships may be pursued in any one agency or business and a maximum of 9 credits in internships may be applied toward graduation. FILA general education: experiential learning.
Credits 3
Prerequisites
FILA-150 or FILA-350EW, junior or senior standing, and a minimum 2.0 grade point average
Term Offered
All Terms
Session Cycle
A

BIOL-490 : Independent Study

Upon approval of the department and the division head, a student with a cumulative grade point average of 2.20 or better may engage in an independent study or research project. One desiring to pursue independent study or research must submit a written description of the proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. At the end of the semester, the supervising professor files with the registrar a grade for the student and a description of the work accomplished. Credit may be received for no more than three independent studies or research projects.
Credits 3
Prerequisites
Completed application submitted to registrar's office
Term Offered
All Terms
Session Cycle
A

BIOL-491 : Research

Upon approval of the department and the division head, a student with a cumulative grade point average of 2.20 or better may engage in an independent study or research project. One desiring to pursue independent study or research must submit a written description of the proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. At the end of the semester, the supervising professor files with the registrar a grade for the student and a description of the work accomplished. Credit may be received for not more than three independent studies or research projects.
Credits 3
Prerequisites
Completed application submitted to registrar's office
Term Offered
All Terms
Session Cycle
A

BIOL-499 : Honors Project

An honors project is one in which a student researches a subject, by examination of relevant literature or by experimentation or both; the student reports the results in an accurately documented and well-written paper or appropriate representation of the work. Whenever the study deals with the subject of an established course, the student is expected to go well beyond the usual work of the course in research and in assimilation of the results as revealed in the report. Juniors and seniors with a cumulative grade point average of 3.40 or above may register for an honors project. One desiring to pursue an honors project must submit a written description of his or her proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. Upon the completion of the honors project, the student must present an oral defense of his or her project. The final grade must include a satisfactory performance on the oral defense, assessed by a three-faculty member team. The project advisor will authorize the make-up of the oral defense team and will assign the final grade on the project. The honors project title will be noted on the student's transcript. It is the student's responsibility to provide a copy of the written paper or appropriate representation of the work to the library in compliance with specifications approved by the Council on Education. The library director arranges for binding and storage.
Credits 3
Prerequisites
Completed application submitted to registrar's office
Term Offered
All Terms
Session Cycle
A

ENVR-101 : Introduction to Environmental Sciences

Introduces basic biological concepts and applies them to help students understand the causes and solutions of environmental problems. Addresses a wide variety of environmental issues including biodiversity loss, the effects of pollution on organisms and ecosystems, and global climate change. Special emphasis given to help students understand how scientific knowledge is developed and scientific information can be found, interpreted and applied by society. Three lectures and one laboratory per week. FILA general education: natural and physical sciences.
Credits 4
Corequisites or Prerequisites
MATH-110 or MATH-115 or MATH-118
Term Offered
Fall and Spring
Session Cycle
FS

ENVR-200 / BIOL-200 : Professional Development

Designed to prepare biology and environment science students for entry into the job market, or further study at the graduate level. Meets once a week to address topics of relevance to postgraduates, including interview preparation, resume writing, certifications, graduate program admissions, etc. Students will prepare a career portfolio, individually designed to meet their specific needs, which will include a range of materials for professional and graduate school applications. The portfolio will be fully assessed at the end of the semester. (Cross-listed as BIOL-200)
Credits 1
Prerequisites
BIOL-309 or BIOL-350 or ENVR-301 or permission of the instructor
Term Offered
Spring Only
Session Cycle
S

ENVR-256 / BIOL-256 : Conservation Biology of Florida

Due to its location, geology, and climate, Florida supports a variety of unique species and ecosystems. It also supports a rapidly growing human population and diverse economic activities. This interterm course will provide an overview of environmental and conservation issues that have arisen as human activity has increased (including water quality, decline of biodiversity, invasive species and wetland loss/restoration). The class will travel to Florida where they will learn about environmental/ conservation problems and solutions. In this course, students examine the science as well as the economic, political and social aspects of the issues. Offered alternate years. (Cross-listed as BIOL-256)

Credits 3

Prerequisites

BIOL-100 or BIOL-110 or permission of instructor

Term Offered

May Term

Session Cycle

M

ENVR-270 : Chemistry of the Environment

This course is designed to introduce students to the chemical principles underlying environmental issues, scientific literacy pertinent to the environment and scientific articles, and examine the implications of environmental policy. Three lectures and one lab per week.

Credits 4

Prerequisites

CHEM-125 or CHEM-162

Term Offered

Spring Only

Session Cycle

S

ENVR-301 / BIOL-301 : Principles of Environmental Science

An exploration of basic biological, chemical, geological, and physical processes at work on the earth, its lifeforms, and its natural resources. The extent of human impact and the need for global awareness will be emphasized, along with the need for application of rapidly expanding knowledge and technology toward solution of environmental problems. Three lectures and one lab per week. (Cross-listed as BIOL-301)

Credits 4

Prerequisites

Complete BIOL-111 with minimum grade of C-

OR complete ENVR-101 with minimum grade of C-

OR permission of instructor

Term Offered

Fall Only

Session Cycle

F

ENVR-305 : Natural Resource & Environmental Law

This course will provide an overview of federal and state laws that are aimed at the conservation of natural resources and/or protection of environmental quality. Major laws that will be covered include the National Environmental Protection Act, Clean Air Act, Clean Water Act, the Endangered Species Act and others. Speakers from natural resource/environmental agencies such as the Va. Department of Environmental Quality, Va. Department of Game and Inland Fisheries and U.S. Forest Service will provide practical insights into the application and implementation of environmental policy. Offered alternate years.

Credits 3

Prerequisites

BIOL-100 or BIOL-110

Term Offered

Spring Only

Session Cycle

S

ENVR-311 / BIOL-311 : Animal Physiology

In this course we explore comparative animal physiology from an environmental perspective: how do various animals function in strikingly different environments? And how do changes in environments affect the animals' ability to maintain internal homeostasis and survive? Gaining knowledge in this subject will be essential for students with interests in animal health, wildlife and management of environmental resources. Course structure: active learning lectures and applied learning labs with live animals. Development of critical scientific thinking and effective scientific communication are significant components of the course. Credit may be received for one physiology course: BIOL-311, ENVR-311, BIOL-314, or BIOL-360. (Cross-listed as BIOL-311)

Credits 4

Prerequisites

Complete BIOL-110 with a minimum of a C-

Term Offered

Fall Only

Session Cycle

F

ENVR-320 : Analytical Environmental Chemistry

The chemistry and quantitative aspects of environmentally important cycles (C, N, O, P, S) in the context of the atmosphere, hydrosphere and lithosphere. Major environmental issues are discussed such as acid rain, sewage treatment, ozone destruction, anthropogenic climate change, air pollution and eutrophication. Laboratories involve sampling, quantitative detection and data analysis. Three hours of lecture and one four-hour lab per week. Offered alternate years.
Credits 4
Prerequisites
CHEM-162
Term Offered
Spring Only
Session Cycle
S

ENVR-324 : Alternative Energy and Scandinavia

Study of how Scandinavian societies have been shaped by energy resources and energy production. Alternative modes of energy production will be studied and a contrast is made between the national energy policies of Iceland and Denmark compared to the United States. Special emphasis will be given to the emerging hydrogen economy in Iceland.
Credits 3
Term Offered
May Term
Session Cycle
M

ENVR-330X : Introduction to Geographical Information Systems

An introduction to Geographic Information Systems (GIS). GIS is a computerized system that allows users to collect, store, visualize and analyze locational/geospatial data. Through service-based learning experiences, students learn basic cartographic concepts and the use of common GIS software programs. The course focuses on environmental and biological applications of GIS while the technology also has many applications in earth sciences, urban planning, business, etc. FILA general education: experiential learning.
Credits 3
Prerequisites
MATH-120 or permission of instructor
Term Offered
May Term
Session Cycle
M

ENVR-334 : Wildlife Management

This course will explore human use of and influence on wild animal populations with focus on the North American Model of Wildlife Conservation and stakeholders of the Public Trust Doctrine. Students compare the model principles to regulations set at the local and state level and models implemented in other countries. Offered alternate years.
Credits 3
Prerequisites
BIOL-111 or permission of instructor
Term Offered
Fall Only
Session Cycle
F

ENVR-365 / BIOL-365 : Field Biology & Natural History

This primarily field-based course will provide a broad overview of techniques and concepts involved in field biology (especially ecology,) including basic scientific method and a variety of sampling techniques. Course content also has a strong emphasis on basic natural history as students learn about and experience a wide variety of organisms (e.g. plant, fungi, insects, fish, amphibians, and mammals), ecosystems (e.g. forests, grasslands, wetlands, ponds, and streams) and ecological interactions. Students will also discuss techniques for interpreting/teaching these biological concepts to others. (Cross-listed as BIOL-365)
Credits 4
Prerequisites
BIOL-111 or permission of instructor
Term Offered
Summer
Session Cycle
SU

ENVR-370 / BIOL-370 : Stormwater Management and Nonpoint Source Pollution

In this course, students will learn about stormwater management practices and their effectiveness, as well as regulatory efforts. In addition, rural and agricultural practices that impact water quality will be addressed. Presentations and field assignments will be part of the course so students see how local work affects watershed quality. Students will learn management techniques specific to urban and rural environments; as well as the economic, political and sociological implications of these solutions. (Cross-listed as BIOL-370)
Credits 3
Prerequisites
ENVR-101 or BIOL-111
Term Offered
May Term
Session Cycle
M

ENVR-401 / BIOL-401 : Environmental Microbiology

An exploration of how microorganisms interact with their environment and the implications of these interactions for humans. Specific topics will include: antibiotic resistance, biodegradation, biodiversity, biofuels, bioremediation, extreme environments, geochemical cycles, methods for sampling, culture, and analysis of environmental microorganisms, microbiology of air, water, and soil; environmental pathogens; and microbiological treatment of sewage and water. Three lectures and one lab per week. Offered alternate years. (Cross-listed as BIOL-401)
Credits 4
Prerequisites
BIOL-309 or ENVR-320
Term Offered
Fall Only
Session Cycle
F

ENVR-402 / BIOL-402 : Conservation Biology

Survey of the methods used by the public and private sectors to manage our environment and natural resources. The primary emphasis will be on restoration ecology and conservation biology. Other topics that will be addressed will include environmental engineering (e.g. green chemistry and design of pollution control devices), economic considerations in conservation (e.g. conservation land easements and ecotourism), and government regulation. The lab will provide students with experience applying standard methods of monitoring biological resources. The lab will also provide an opportunity for students to hear talks from environmental experts and to travel to local sites where management activities are occurring. Offered alternate years. (Cross-listed as BIOL-402)
Credits 4
Prerequisites
BIOL-111
Term Offered
Fall Only
Session Cycle
F

ENVR-433 / BIOL-433 : Biology & Management of Fishes

A survey of diversity of fish (with an emphasis on freshwater fish of North America). Topics will include taxonomy, anatomy, physiology, behavior, and ecology. There will be special emphasis on management of fish populations and diversity in the face of environmental threats including pollution, habitat alteration, overharvest and invasive species. Lab will include basic ecology and behavior but will focus heavily on common fisheries' techniques. Offered alternate years. (Cross-listed as BIOL-433)
Credits 4
Prerequisites
Take BIOL-301 or ENVR-301 or BIOL-350
Term Offered
Spring Only
Session Cycle
S

ENVR-434W / BIOL-434W : Wildlife Ecology and Techniques

Explores the ecology of wildlife with an emphasis on North American mammals and birds. Students will learn basic and applied ecological principles and how to apply those principles to study and manage wildlife populations. Topics include habitat quality, forestry, nutrition, disease, population dynamics, and diversity. Lab emphasizes field and computer techniques. Three lectures and one four-hour lab per week. Offered alternate years. (Cross-listed as BIOL-434W)
Credits 4
Prerequisites
ENG-110; BIOL-111; or permission of instructor
Term Offered
Fall Only
Session Cycle
F

ENVR-435 / BIOL-435 : Freshwater Ecology

An introduction to aquatic ecosystems (lakes, ponds, streams and wetlands). Students will learn about the major chemical and physical processes that determine the function of freshwater systems. Students will be introduced to the major groups of aquatic organisms (algae, vascular plants, invertebrates and fish). Includes strong emphasis on the impacts that humans have on freshwater systems. The lab will introduce the basic skills necessary for the study and management of fresh waters. Offered alternate years. (Cross-listed as BIOL-435)
Credits 4
Prerequisites
BIOL-111 or permission of instructor
Term Offered
Fall Only
Session Cycle
F

ENVR-460 : Special Topics

Studies from enrivonmental science
Credits 3
Prerequisites
Permission of Instructor
Term Offered
All Terms
Session Cycle
A

ENVR-461 : Independent Research

Open-ended research with a member of the biology faculty, with an environmental science emphasis. A minimum of 40 hours of work in the library, laboratory or field over the semester. May be repeated for credit.
Credits 1
Prerequisites
Permission of instructor
Term Offered
All Terms
Session Cycle
A

ENVR-462 : Independent Research

Open-ended research with a member of the biology faculty, with an environmental science emphasis. A minimum of 80 hours of work in the library, laboratory or field over the semester. May be repeated for credit.
Credits 2
Prerequisites
Permission of instructor
Term Offered
All Terms
Session Cycle
A

ENVR-480X : Internship

Provides an opportunity for a student to gain field experience in an area related to the student's program of study or career goals. The learning objectives for internships include connecting academic knowledge and problem-solving processes to experiences and problems in professional settings. Supervision of an intern is provided by an appropriate faculty member and by a site supervisor of the agency or business in which the student is an intern. A student who wishes to engage in an internship must consult with the appropriate faculty member at least eight weeks in advance of the start of the term in which the internship is to be completed. A description of the internship, signed by the student and the faculty sponsor, must be filed with the director of internships by the first day of the semester prior to the start of the internship. Approval of each application for an internship is made by the director of internships based upon approved policies and guidelines. Internships are graded on an S or U basis. Students must complete 120 hours of internship-related work as well as weekly journal entries and a final reflective paper completed in accordance with approved requirements. A student may enroll in an internship program for 3 credits per semester, and internship credit may be earned in subsequent semesters subject to the limitations that no more than two internships may be pursued in any one agency or business and a maximum of 9 credits in internships may be applied toward graduation. FILA general education: experiential learning.
Credits 3
Prerequisites
FILA-150 or FILA-350EW, junior or senior standing, and a minimum 2.0 grade point average
Term Offered
All Terms
Session Cycle
A

ENVR-490 : Independent Study

Upon approval of the department and the division head, a student with a cumulative grade point average of 2.20 or better may engage in an independent study or research project. One desiring to pursue independent study or research must submit a written description of the proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. At the end of the semester, the supervising professor files with the registrar a grade for the student and a description of the work accomplished. Credit may be received for no more than three independent studies or research projects.
Credits 3
Prerequisites
Completed application submitted to registrar's office
Term Offered
All Terms
Session Cycle
A

ENVR-491 : Research

Upon approval of the department and the division head, a student with a cumulative grade point average of 2.20 or better may engage in an independent study or research project. One desiring to pursue independent study or research must submit a written description of the proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. At the end of the semester, the supervising professor files with the registrar a grade for the student and a description of the work accomplished. Credit may be received for not more than three independent studies or research projects.
Credits 3
Prerequisites
Completed application submitted to registrar's office
Term Offered
All Terms
Session Cycle
A

ENVR-499 : Honors Project

An honors project is one in which a student researches a subject, by examination of relevant literature or by experimentation or both; the student reports the results in an accurately documented and well-written paper or appropriate representation of the work. Whenever the study deals with the subject of an established course, the student is expected to go well beyond the usual work of the course in research and in assimilation of the results as revealed in the report. Juniors and seniors with a cumulative grade point average of 3.40 or above may register for an honors project. One desiring to pursue an honors project must submit a written description of his or her proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. Upon the completion of the honors project, the student must present an oral defense of his or her project. The final grade must include a satisfactory performance on the oral defense, assessed by a three-faculty member team. The project advisor will authorize the make-up of the oral defense team and will assign the final grade on the project. The honors project title will be noted on the student's transcript. It is the student's responsibility to provide a copy of the written paper or appropriate representation of the work to the library in compliance with specifications approved by the Council on Education. The library director arranges for binding and storage.
Credits 3
Prerequisites
Completed application submitted to registrar's office
Term Offered
All Terms
Session Cycle
A

Chemistry & Biochemistry

BCHM-355 : Biochemistry I

Introduction to the major biomolecular compound classes, including carbohydrates, proteins, lipids, and nucleic acids, along with a survey of enzyme kinetics and the overall regulation of key metabolic pathways. Three lectures per week.
Credits 3
Prerequisites
CHEM-250 or CHEM-306 or CHEM-310
Term Offered
Fall Only
Session Cycle
F

BCHM-356 : Biochemistry I With Lab

Introduction to the major biomolecular compound classes, including carbohydrates, proteins, lipids, and nucleic acids, along with a survey of enzyme kinetics and the overall regulation of key metabolic pathways. Three lectures and one lab per week.
Credits 4
Prerequisites
CHEM-250 or CHEM-306 or CHEM-310
Term Offered
Fall Only
Session Cycle
F

BCHM-455 : Biochemistry II

A continuation of the topics covered in Biochemistry I, with special attention paid to the classic chemical reactions at work in biological systems. The intersection of biochemical principles with such applications as drug discovery and computational modeling will be emphasized as a mechanism for understanding the fundamental relationship between structure and function. Three lectures per week.
Credits 3
Prerequisites
BCHM-355 or BCHM-356
Term Offered
Spring Only
Session Cycle
S

CHEM-100 : Murder They Wrote

Examination of various poisons both from a historical perspective and how they have been depicted in literature and movies.
Credits 3
Term Offered
May Term
Session Cycle
M

CHEM-102 / GEOL-102 : Earth Science

The history of the earth and its place in the universe, geologic processes, environmental problems and weather. Three hours of lecture and one two-hour lab per week. Field trips may be taken during lab. FILA general education: natural and physical sciences. (Cross-listed as GEOL-102)
Credits 4
Corequisites or Prerequisites
MATH-110 or MATH-115 or MATH-118
Term Offered
Fall and Spring
Session Cycle
FS

CHEM-110 : Introduction to Medicinal Chemistry

Introduction to the principles and practices of medicinal chemistry including insight into the development of new therapeutic compounds, the time line and steps involved with FDA approval, and the common causes for side effects and other downstream problems associated with a drug's public release.
Credits 3
Term Offered
May Term
Session Cycle
M

CHEM-121 : Energy & the Environment

Benefits and problems associated with various methods of energy generation. Field trips are scheduled to the North Anna Nuclear Power plant, a hydroelectric plant, and a coal-fired power plant.
Credits 3
Term Offered
May Term
Session Cycle
M

CHEM-122 : Science & Pseudoscience

Examination of rational and skeptical thinking as applied to scientific and pseudoscientific phenomena. Explorations of such topics as unidentified flying objects, the Bermuda Triangle, and "Chariots of the Gods" are given, via lectures by the instructor and individual student presentations.
Credits 3
Term Offered
May Term
Session Cycle
M

CHEM-125 : Fundamentals of Inorganic Chemistry

Basic principles of structure, composition and reactions of matter. Designed as a survey course for health science majors. Does not satisfy requirements for majors in Biology or Chemistry. Three hours of lecture and one two-hour laboratory per week. Credit may not be received for both CHEM-125 and CHEM-161.
Credits 4
Prerequisites
MATH-110 or MATH-118
Term Offered
Fall Only
Session Cycle
F

CHEM-161 : General Chemistry I

Principles of chemistry including stoichiometry, states of matter, atomic and molecular structure, chemical bonding, periodicity, and the kinetic molecular theory of gases. Three hours of lecture and one four hour lab per week. FILA general education: natural and physical sciences. Credit may not be received for both CHEM-125 and CHEM-161.
Credits 4
Prerequisites
MATH-110 or MATH-115 or MATH-118
Term Offered
Fall and Spring
Session Cycle
FS

CHEM-162 : General Chemistry II

Principles of chemistry including intermolecular forces, thermodynamics, equilibria, acid-base chemistry, electrochemistry, kinetics, and solubility. Three hours of lecture and one four hour lab per week.
Credits 4
Prerequisites
CHEM-161 or permission of instructor
Term Offered
Fall and Spring
Session Cycle
FS

CHEM-250 : Fundamental Organic Chemistry

Overview of the functional groups and reactivity of organic molecules using biological examples. Three hours of lecture and one two-hour lab per week. Credit may not be received for both CHEM-250 and CHEM-305.
Credits 4
Prerequisites
CHEM-125 or CHEM-162
Term Offered
Spring Only
Session Cycle
S

CHEM-305 : Organic Chemistry I

Structure, nomenclature, and properties of organic molecules. Three hours of lecture and one four-hour lab per week. Credit may not be received for both CHEM-250 and CHEM-305.
Credits 4
Prerequisites
CHEM-162
Term Offered
Fall Only
Session Cycle
F

CHEM-306 : Organic Chemistry II

Continuation of organic chemistry started in CHEM-305, including reaction mechanisms, thermodynamics, synthesis, and identification of organic molecules. Three hours of lecture and one four-hour lab per week.
Credits 4
Prerequisites
CHEM-305
Term Offered
Spring Only
Session Cycle
S

CHEM-308 : Organic Spectroscopy

Study and interpretation of spectra as applied to organic chemistry. Infrared spectroscopy, proton and carbon nuclear magnetic resonance, ultraviolet spectroscopy, and mass spectrometry. One hour of lecture and laboratory per week.
Credits 1
Prerequisites
Permission of instructor
Term Offered
Fall Only
Session Cycle
F

CHEM-310 : Organic Chemistry II & Spectroscopy

A continuation of organic chemistry started in CHEM-305, including a study of the interpretation of infrared spectroscopy, proton and carbon NMR, UV-visible spectroscopy, and mass spectrometry. The lab will be an introduction to chemical research that includes research methods and techniques through a series of experiments. Credit may not be received for both CHEM-306 and CHEM-310, or for both CHEM-308 and CHEM-310.
Credits 5
Prerequisites
MATH-110; CHEM-305
Term Offered
Spring Only
Session Cycle
S

CHEM-350 : Introduction to Quantum and Statistical Mechanics

This course is an introduction to quantum theory and statistical mechanics with an emphasis on their application to spectroscopy and thermodynamic properties. Students will be introduced to and perform relevant calculations. The results of these calculations will then be used to introduce and develop the theory behind various spectroscopic techniques as well as develop the relationships between statistical mechanics and thermodynamic properties. Students will also gain hands-on experience working with several spectroscopic instruments. Three year cycle.
Credits 3
Prerequisites
CHEM-162; MATH-130 or MATH-132
Term Offered
Fall and Spring
Session Cycle
FS

CHEM-360 : Advanced Organic Chemistry

Molecular orbital theory, reaction kinetics, and organic name reactions. Three hours of lecture per week. Three year cycle.
Credits 3
Prerequisites
CHEM-306 or CHEM-310
Term Offered
Fall Only
Session Cycle
F

CHEM-362 : Medicinal Chemistry

A course on the basic concepts of drug structure, interactions, and metabolism. Drug design, development and synthesis, structure and physicochemical properties of drugs and their targets and drugs' mechanism of action and the body´s response will be covered. Three hours of lecture per week.
Credits 3
Prerequisites
CHEM-306 or CHEM-310
Term Offered
Fall Only
Session Cycle
F

CHEM-365 : Computational Chemistry

Designed to introduce students to the fundamental principles and techniques of computational chemistry. Approaches to be discussed include molecular mechanics, molecular dynamics, and density functional theory, among others. Discussion will focus on supporting, not replacing, the work of traditional synthetic chemists, and particular attention will be paid to the strengths/limitations of each technique for one or more specific purposes. Students will learn to model molecular systems and to critically analyze a potential energy surface, identifying local and global minima and the transition states between them. The application of these tools in ligand design and drug discovery will be a key component. Offered alternate years.
Credits 3
Prerequisites
CHEM-306 or CHEM-310
Term Offered
Spring Only
Session Cycle
S

CHEM-370 : Advanced Inorganic Chemistry

Physical properties, electronic structure, and reactivity of transition metal compounds. Three hours of lecture and one four-hour lab per week. Offered alternate years.
Credits 4
Prerequisites
CHEM-306 or CHEM-310
Term Offered
Spring Only
Session Cycle
S

CHEM-380 : Instrumental Analysis

Exposure to methods of quantitation, signal-to- noise enhancement, instrumental design and function, methods of spectroscopy, chromatography, electroanalytical analysis, and mass spectrometry. Three hours of lecture and one four-hour lab per week.
Credits 4
Prerequisites
CHEM-162
Term Offered
Fall Only
Session Cycle
F

CHEM-385 : Forensic Chemistry

This course focuses on the chemical techniques that are used in forensic sciences. Content includes a brief historical context, sampling methods and measurements, instrumental techniques, and an overview of drug analysis. Three hours of lecture and one four-hour lab per week.
Credits 4
Prerequisites
CHEM-380

CHEM-415 : Physical Chemistry for the Life Sciences

Thermodynamics, equilibrium, chemical structures and reaction rates as applied to biological systems and macromolecules. Three of lecture per week. Offered alternate years.
Credits 3
Prerequisites
CHEM-306 or CHEM-310; MATH-130 or MATH-133; or permission of instructor
Term Offered
Fall Only
Session Cycle
F

CHEM-425 : Physical Chemistry of Solutions

Physical states of solution systems- thermodynamics, equilibria, reaction rates, electrochemistry, and photochemistry. Three hours of lecture per week. Credit may not be received for both CHEM-425 and CHEM-427. Offered alternate years.
Credits 3
Prerequisites
CHEM-415; MATH-134; PHYS-222; or permission of instructor
Term Offered
Spring Only
Session Cycle
S

CHEM-427 : Physical Chemistry of Solutions with Laboratory

Physical states of chemical systems- thermodynamics, equilibria, reaction rates, electrochemistry, and photochemistry- with lab examination of reactions in multicomponent systems. Three hours of lecture and four hours of lab work per week. Credit may not be received for both CHEM-425 and CHEM-427. Offered alternate years.
Credits 4
Prerequisites
CHEM-415; MATH-134; PHYS-222; or permission of instructor
Corequisites
Take CHEM-427L
Term Offered
Spring Only
Session Cycle
S

CHEM-435 : Advanced Physical Chemistry

Atomic structure and chemical bonding, based on applications of Schroedinger's Equation to structures of chemical interest. Three hours of lecture per week. Offered as needed.
Credits 3
Prerequisites
CHEM-425 or CHEM-427 or permission of instructor
Term Offered
Fall Only
Session Cycle
F

CHEM-450 : Special Topics

Devoted to a subject taken from a field of chemistry not otherwise covered in the curriculum. If a different topic is offered, the course may be repeated for credit.
Credits 3
Prerequisites
Permission of instructor
Term Offered
Fall and Spring
Session Cycle
FS

CHEM-451 : Advanced Chemical Techniques I

The first semester of a year long project in collaboration with a member of the chemistry faculty. One hour lecture and a minimum of eight hours of lab per week.
Credits 2
Prerequisites
Senior standing or permission of department
Term Offered
Fall Only
Session Cycle
F

CHEM-452 : Advanced Chemical Techniques II

A continuation of the year long project in collaboration with a member of the chemistry faculty started in CHEM-451. One hour lecture and a minimum of eight hours of lab per week.
Credits 2
Prerequisites
CHEM-451
Term Offered
Spring Only
Session Cycle
S

CHEM-460 : Capstone Seminar

A capstone course in which students learn about the history of chemistry, norms in science, professional ethics, and careers in chemistry. Two 1-hour lectures per week.
Credits 2
Prerequisites
Junior standing or permission of instructor
Term Offered
Spring Only
Session Cycle
S

CHEM-461 : Independent Laboratory Research

An open-ended laboratory research project with a member of the Chemistry faculty. A minimum of five hours of laboratory work per week. May be repeated as necessary for credit.
Credits 1
Prerequisites
Permission of instructor
Term Offered
Fall and Spring
Session Cycle
FS

CHEM-462 : Independent Laboratory Research

An open-ended laboratory research project with a member of the Chemistry faculty. A minimum of ten hours of laboratory work per week. May be repeated as necessary for credit.
Credits 2
Prerequisites
Permission of instructor
Term Offered
Fall and Spring
Session Cycle
FS

CHEM-480X : Internship

Provides an opportunity for a student to gain field experience in an area related to the student's program of study or career goals. The learning objectives for internships include connecting academic knowledge and problem-solving processes to experiences and problems in professional settings. Supervision of an intern is provided by an appropriate faculty member and by a site supervisor of the agency or business in which the student is an intern. A student who wishes to engage in an internship must consult with the appropriate faculty member at least eight weeks in advance of the start of the term in which the internship is to be completed. A description of the internship, signed by the student and the faculty sponsor, must be filed with the director of internships by the first day of the semester prior to the start of the internship. Approval of each application for an internship is made by the director of internships based upon approved policies and guidelines. Internships are graded on an S or U basis. Students must complete 120 hours of internship-related work as well as weekly journal entries and a final reflective paper completed in accordance with approved requirements. A student may enroll in an internship program for 3 credits per semester, and internship credit may be earned in subsequent semesters subject to the limitations that no more than two internships may be pursued in any one agency or business and a maximum of 9 credits in internships may be applied toward graduation. FILA general education: experiential learning.
Credits 3
Prerequisites
FILA-150 or FILA-350EW, junior or senior standing, and a minimum 2.0 grade point average
Term Offered
All Terms
Session Cycle
A

CHEM-490 : Independent Study

Upon approval of the department and the division head, a student with a cumulative grade point average of 2.20 or better may engage in an independent study or research project. One desiring to pursue independent study or research must submit a written description of the proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. At the end of the semester, the supervising professor files with the registrar a grade for the student and a description of the work accomplished. Credit may be received for no more than three independent studies or research projects.
Credits 3
Prerequisites
Completed application submitted to registrar's office
Term Offered
All Terms
Session Cycle
A

CHEM-491 : Research

Upon approval of the department and the division head, a student with a cumulative grade point average of 2.20 or better may engage in an independent study or research project. One desiring to pursue independent study or research must submit a written description of the proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. At the end of the semester, the supervising professor files with the registrar a grade for the student and a description of the work accomplished. Credit may be received for not more than three independent studies or research projects.
Credits 3
Prerequisites
Completed application submitted to registrar's office
Term Offered
All Terms
Session Cycle
A

CHEM-499 : Honors Project

An honors project is one in which a student researches a subject, by examination of relevant literature or by experimentation or both; the student reports the results in an accurately documented and well-written paper or appropriate representation of the work. Whenever the study deals with the subject of an established course, the student is expected to go well beyond the usual work of the course in research and in assimilation of the results as revealed in the report. Juniors and seniors with a cumulative grade point average of 3.40 or above may register for an honors project. One desiring to pursue an honors project must submit a written description of his or her proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. Upon the completion of the honors project, the student must present an oral defense of his or her project. The final grade must include a satisfactory performance on the oral defense, assessed by a three-faculty member team. The project advisor will authorize the make-up of the oral defense team and will assign the final grade on the project. The honors project title will be noted on the student's transcript. It is the student's responsibility to provide a copy of the written paper or appropriate representation of the work to the library in compliance with specifications approved by the Council on Education. The library director arranges for binding and storage.
Credits 3
Prerequisites
Completed application submitted to registrar's office
Term Offered
All Terms
Session Cycle
A

GEOL-102 / CHEM-102 : Earth Science

The history of the earth and its place in the universe, geologic processes, environmental problems and weather. Three hours of lecture and one two-hour lab per week. Field trips may be taken during lab. FILA general education: natural and physical sciences. (Cross-listed as CHEM-102)
Credits 4
Corequisites or Prerequisites
MATH-110 or MATH-115 or MATH-118
Term Offered
Fall and Spring
Session Cycle
FS

GEOL-130 : Physical Geology

This course is an overview of the history of the earth and its structure, earth materials, the rock cycle, internal processes (the tectonic cycle, volcanoes, and earthquakes), external processes (the hydrologic cycle, weathering, and soils), and environmental concerns (groundwater, surface water, pollution, and remediation) with fairly detailed coverage of the processes. Three hours of lecture and one two-hour lab per week. Field trips may be taken during lab. FILA general education: natural and physical sciences.
Credits 4
Corequisites or Prerequisites
MATH-110 or MATH-115 or MATH-118
Term Offered
Fall and Spring
Session Cycle
FS

GEOL-330 : Soil and Hydrogeology

This course is a study of the environment on the Earth's surface, the boundary between the solid and liquid, and interactions between rock and water. This will include weathering and the formation of soil, and the flow of water at the surface and below ground level. Lab activities will include sampling and analysis of soil, surface water, and groundwater. Offered alternate years.
Credits 3
Prerequisites
ENVR-301
Term Offered
Spring Only
Session Cycle
S

Communication Studies & Theatre

COMM-100 : Oral Communication

Teaches students how to create and respond to verbal and nonverbal messages across a variety of rhetorical situations. Students will learn the core concepts of public speaking and develop the skills to select, organize, and deliver material based on the needs of a specific audience. The course will focus on informative and persuasive speaking, and may also include introductory speeches, special-occasion speeches, and business presentations. FILA general education: master core skills.
Credits 3
Term Offered
Fall and Spring
Session Cycle
FS

COMM-131 / PWR-131 : News Practicum

Skills-and-theory class that applies critical thinking to discuss and solve practical problems in news media production. Prepares students for the convergence of media, providing practical experience in multiplatform media writing and production, including print, radio, TV and web journalism. Work includes approximately three hours outside the class and one hour inside each week. May be repeated for credit. (Cross-listed as PWR-131)
Credits 1
Term Offered
Fall and Spring
Session Cycle
FS

COMM-131X / PWR-131X : News Practicum

Skills-and-theory class that applies critical thinking to discuss and solve practical problems in news media production. Prepares students for the convergence of media, providing practical experience in multi-platform media writing and production including print, radio, TV and web journalism. Work includes approximately three hours outside the class and one hour inside each week. FILA general education: experiential learning (Cross-listed as PWR-131X)
Credits 1
Prerequisites
FILA-150 or FILA-350EW; 2 credits earned in COMM-131 or PWR-131
Term Offered
Fall and Spring
Session Cycle
FS

COMM-201 : Introduction to Communication Studies

Introduces students to communication as an academic discipline by exploring how meaning is created and shared in multiple contexts. Verbal and nonverbal communication, interpersonal communication, mass media, communication technologies, popular culture, and communication in organizations are among the topics covered.
Credits 3
Term Offered
Fall Only
Session Cycle
F

COMM-230 : Communication Technologies: History, Culture, and Society

An introduction to the history and influence of communication technology in society. The class will explore the various social, political, cultural, and economic impacts of new communication technology. Major topics include: the origins of writing, printing, photography, film, the telegraph and telephone, radio, television, and the internet.
Credits 3
Term Offered
Fall and Spring
Session Cycle
FS

COMM-240 : Contemporary Media Industries

Examines how electronic media industries have changed the way we produce and consume media products. The course will examine how the digital age has impacted notions of interactivity, virtual space, media production, networks and credibility. Particular attention will be paid to the social, economic and political implications of these changes.
Credits 3
Term Offered
Spring Only
Session Cycle
S

COMM-255W / PWR-255W : Introduction to News Writing

Teaches students the basic skills of researching, investigating and writing in a variety of formats. Emphasis on identification of the writing structures used by contemporary media writers and utilization of these structures in original pieces researched and written by the students. FILA general education: writing intensive. (Cross-listed as PWR-255W)
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Fall Only
Session Cycle
F

COMM-256X : News Practicum

Skills-and-theory class that applies critical thinking to discuss and solve practical problems in news media production. Prepares students for the convergence of media, providing practical experience in multi-platform media writing and production including web, podcast, and video journalism. May be repeated for six total credits. FILA General Education: Experiential Learning.
Credits 3
Prerequisites
COMM-255W
Term Offered
Fall and Spring
Session Cycle
FS

COMM-256X : News Practicum

Skills-and-theory class that applies critical thinking to discuss and solve practical problems in news media production. Prepares students for the convergence of media, providing practical experience in multi-platform media writing and production including web, podcast, and video journalism. May be repeated for six total credits. FILA General Education: Experiential Learning.
Credits 3
Prerequisites
COMM-255W
Term Offered
Fall and Spring
Session Cycle
FS

COMM-300 : Special Topics in Communication Studies

Explores topics related to Communication Studies aligning with the research specialty and/or intellectual interest of the instructor. Offered on demand.
Credits 3
Term Offered
Fall and Spring
Session Cycle
FS

COMM-305 / PWR-305 : Multimedia Reporting and Writing

Builds on the skills-oriented approach of COMM/PWR-255W by putting theory behind the practice of writing. Through individual and group writing projects, students work toward understanding the increasingly complex definition of news, its blurring line with entertainment, and the dynamic interplay between technologies and audiences. Offered alternate years. (Cross-listed as PWR-305)
Credits 3
Prerequisites
COMM-255W or PWR-255W
Term Offered
Fall Only
Session Cycle
F

COMM-306 : Investigative Journalism & Documentary

Students in this course will learn and apply investigative journalism and history research methodologies and techniques to produce long-form journalistic materials. This course will teach students how to identify, collect, analyze, reproduce, preserve, and report on historical and difficult-to-access data and artifacts. Students will learn documentary production techniques and long-form journalism writing.
Credits 3
Term Offered
May Term
Session Cycle
M

COMM-315 : Persuasion

An introduction to major theories and key concepts of persuasion. Using both social science and rhetorical criticism students will learn how individuals/social movements/institutions create, adapt, and respond to persuasive messages. Students will evaluate the effectiveness of persuasive appeals based on the rhetorical situation. Throughout the course students will consider the ethical implications of persuasive strategies and contexts.
Credits 3
Term Offered
Spring Only
Session Cycle
S

COMM-325 : Communication in the Organization

Study and application of communication theories and principles in an organizational context. An explanation of organizational communication theories and principles will allow students to develop a theoretical and practical understanding of how communication affects the dynamics of the work environment. Emphasis will be placed on applying communication concepts to students' personal experience or participating in the organizational environment. Offered alternate years.
Credits 3
Term Offered
Fall Only
Session Cycle
F

COMM-327 : Interpersonal Communication

Examines issues related to communication within personal and professional relationships. Students will develop theoretical and practical understandings of verbal and nonverbal communication, the role of technology in interpersonal communication and how interpersonal communication functions to develop, negotiate, maintain and terminate relationships.
Credits 3
Term Offered
Spring Only
Session Cycle
S

COMM-330 : American Film & Culture

Critical examination of the history of film and its influences on society. Includes exploration of the various methods of studying film. Topics covered include the development of film messages, production systems, and the future of film. Special emphasis on the exploration of how film messages can perpetuate and influence our views of social groups marked by, gender, race, class, sexuality and age. Offered alternate years.
Credits 3
Term Offered
Spring Only
Session Cycle
S

COMM-331X : The Television & Film Studio System

The history of the American television and film studio system, its influence on society, and the processes of modern television and film production. Includes weekly class meetings on the Bridgewater campus (1 hour per week) and an 8-day trip to Los Angeles during Spring Break. While in Los Angeles, the class tours several studios (including Paramount Pictures, Warner Brothers, NBC television and/or Universal Studios), participates as audience members on a variety of television shows, talks with members of the television and film industry, and visits media related museums. Additional costs associated with travel. FILA general education: experiential learning.
Credits 3
Prerequisites
FILA-150 or FILA-350EW
Term Offered
Spring Only
Session Cycle
S

COMM-332 : American Television & Culture

Critical examination of the history of television and its influence on society. Includes exploration of the various methods of studying television. Topics covered include the development of the television industry, various television genres and the future of television. Special emphasis on the exploration of how television messages influence our views of social groups marked by gender, race, class, sexuality and age. Offered alternate years.
Credits 3
Term Offered
Fall Only
Session Cycle
F

COMM-333X : Europe Media and Culture

This course examines the historical similarities and differences between American media and European media. The course will involve approximately a week of classes on the Bridgewater campus prior to traveling to several locations throughout Europe. Three major themes will be explored: 1) the use of persuasion and propaganda techniques employed during World War II and the Cold War, 2) the development of the European television and film industry (prior to WWII and after it), and 3) issues of media conglomeration, globalization, and the influence of the American film and television industry on Europe. Cities that may be toured include: London, Munich, Prague, Berlin and Paris. (The exact cities to be visited will change each year based on availability of speakers, film festivals, and museum special exhibits.) Additional costs associated with travel. FILA general education: world cultures and experiential learning.
Credits 3
Prerequisites
FILA-150 or FILA-350EW
Term Offered
May Term
Session Cycle
M

COMM-334 : Intercultural Communication

Theoretical and practical survey of intercultural communication processes. Examines intrapersonal, interpersonal, organizational, and mass media dimensions of intercultural communication. The course specifically focuses on the distinctive cultural behaviors, expectations, values and power dynamics that affect our abilities to communicate effectively and people from diverse cultures. FILA general education: world cultures.
Credits 3
Prerequisites
FILA-150 or FILA-350EW
Term Offered
Fall and Spring
Session Cycle
FS

COMM-335 : Communicating Sex and Gender

Students will develop theoretical and practical understandings of the role of sex and gender in verbal and nonverbal communication, friendships, families, romantic relationships and professional relationships. This course also examines the issues of technology, health, power and violence as they related to sex and gender. Offered alternate years.
Credits 3
Term Offered
Fall Only
Session Cycle
F

COMM-337 : Intergenerational Communication

Explores how communication and technology use changes across the life span and varies between generations. Students will study technological, life course, and generational theory. They will examine their own generational communication and technology use as well as considering the perspectives of those in different generational cohorts. Opportunities throughout the course are provided for students to interact with a variety of generations to promote intergenerational understanding. Offered alternate years.
Credits 3
Term Offered
Spring Only
Session Cycle
S

COMM-340 : Representations of Gender, Race & Class

Examines the media's role in creating and re-creating our understanding of gender, race, and class. Includes a historical perspective, and traces how these representations have changed over time, the forces that have affected representations of gender, race and class, and the current state of their representation in the media. A field trip to at least one museum in Washington, D.C. is planned, depending upon exhibits available at the time (e.g. National Museum of the American Indian, Smithsonian's American History Museum). Offered alternate years.
Credits 3
Term Offered
Spring Only
Session Cycle
S

COMM-345 : Argumentation and Debate

This course provides students with a foundational knowledge of classical principles of oral rhetoric and modern theories of the conventions of argumentation. Students will engage in critical examination of issues and the use of argumentation of support and defend a position. Upon completion of this course students will be able to construct and evaluate factual, value and policy claims. Offered alternate years.
Credits 3
Prerequisites
COMM-100
Term Offered
Spring Only
Session Cycle
S

COMM-347 : Strategic Public Relations

This course will cover strategic planning and specialized public relations issues. Issues include risks, crisis management, social marketing campaigns, and corporate and non-profit communication. Students will learn and apply advanced public relations theories and skills to case studies and real-life situations.
Credits 3
Prerequisites
COMM-255W or PWR-255W; junior standing
Term Offered
Spring Only
Session Cycle
S

COMM-349EX : Non-Profit Communication

This class examines the history and organizational structure of nonprofit and non-governmental organizations and their operations such as fund raising; social cause communication including advocacy; and leadership communication that strengthens the organization's mission. Through the lenses of evaluating effectiveness and adhering to ethical considerations, students will consider the values of donors and volunteers and an organization's communication materials (websites, social media postings, etc.). Trips to regional nonprofits, as well as guest speakers, will give students first-hand knowledge about nonprofits to then identify a potential unmet societal need and launch their own hypothetical nonprofit.
FILA general education: Ethical Reasoning and Experiential Learning.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
May Term
Session Cycle
M

COMM-350 : Research Methods in Communication

Introduces quantitative and qualitative research methods used in the study of communication. Students learn to critically evaluate published research studies and how to conduct original research. The course will provide specific instruction and practice in survey writing and interviewing. Offered alternate years.
Credits 3
Prerequisites
6 credits in COMM (not including COMM-100)
Term Offered
Fall Only
Session Cycle
F

COMM-355 : Long-Form Multimedia Journalism

Long-form journalism focuses on in-depth nonfiction narrative, with creative stories told in memorable ways. Students will read and digest contemporary long-form journalism ranging from The New York Times' Pulitzer-prize winning feature on the avalanche at Tunnel Creek to WIRED magazine's series of articles on the Internet "dark web" of drug sales, the Silk Road. Students will also read excerpts from classic long-form journalism such as Truman Capote's In Cold Blood, John Hersey's Hiroshima, Lawrence Otis Graham's "Harlem on My Mind" and Joan Didion's Slouching Toward Bethlehem. Students will analyze, reflect on and write using the techniques of creative nonfiction. Students will learn about user experience design theory (UX Design), a method to improve the usability and accessibility of and user pleasure from media products, by implementing visual and aural narrative elements to craft an engaging experience for the audience.
Credits 3
Prerequisites
COMM-255W or PWR-255W or PWR-318W or permission of instructor
Term Offered
Fall and Spring
Session Cycle
FS

COMM-360 : Rhetorical Criticism

Introduces students to major issues and perspectives in rhetorical criticism, including foundational concepts from the history of rhetorical theory and methods of rhetorical analysis. By surveying traditional and contemporary approaches to rhetorical criticism, readings will engage students in thinking about symbol use, reflecting upon the power of language ad human symbolic activity and systematically exploring how these processes work and how they influence is. Rhetorical approaches examine how to use language and symbols more effectively, how to communicate in more self-reflective ways and how to evaluate messages that better accomplish strategic goals. This is an online course offering.
Credits 3
Term Offered
Summer
Session Cycle
SU

COMM-365X : Rhetoric of the Civil Rights Movement

This course examines the rhetorical strategies adopted by the American Civil Rights Movement. Students will study a wide variety of rhetorical artifacts such as documents and speeches, songs and other performances, lunch counter protests, sit-ins, Freedom Rides, photography and other forms of visual rhetoric. The course includes several days of courses on campus and a 10-day bus trip to key sites of the civil rights movement such as the 16th Street Baptist Church in Birmingham, the Edmund Pettus Bridge in Selma, and the Martin Luther King, Jr. National Historic Site in Atlanta. Students will have the opportunity to complete community service at some of the sites. FILA general education: experiential learning.

Credits 3

Prerequisites

FILA-150 or FILA-350EW

Term Offered

May Term

Session Cycle

M

COMM-370X : Heroes, Flutes, and Ghosts: Stories and Opera

This course examines how stories, and particularly the hero narrative as captured by Joseph Campbell, are used in opera to inspire, engage, and provide social commentary, as well as to entertain. Understanding the audience (i.e., the historical time frame) and evaluating the medium (i.e., why set the story to music?) enriches our appreciation for and evaluation of the success of a story's message. Students will analyze how narrative changes when it is told through different media and will construct their own story using the medium of their choice. FILA general education: experiential learning.

Credits 3

Prerequisites

FILA-150 or FILA-350EW

Term Offered

May Term

Session Cycle

M

COMM-375 : Media Effects

Examines media effects research from the early 20th century to the present. Students learn about various methods used by social scientists to identify and measure the effects of persuasive messages on changes in knowledge, attitudes and behaviors. Students gain skills in framing research questions about media effects, designing effects studies and evaluating claims of media effects advocated by scholarly and non-scholarly sources. FILA general education: social sciences.

Credits 3

Prerequisites

FILA-150 or FILA-350EW

Term Offered

Fall Only

Session Cycle

F

COMM-400 : Applied Communication Theory

This capstone course explores practical applications of communication theory. Emphasis will be placed on the process of writing and public speaking in multiple professional and personal rhetorical situations.

Credits 3

Prerequisites

18 credits in COMM (not including COMM-100) and permission of instructor

Term Offered

Fall and Spring

Session Cycle

FS

COMM-410E : Communication Law and Ethics in a Digital Age

Analytical survey of ethical and legal issues pertaining to communication professionals, focusing on the new digital media landscape. Issues explored include First Amendments rights, public affairs journalism, copyright, defamation, obscenity, censorship, licensing, corporate and governmental communications, and the Digital Millennium Act. FILA general education: ethical reasoning.

Credits 3

Prerequisites

FILA-150 or FILA-350EW; ENG-110

Term Offered

Spring Only

Session Cycle

S

COMM-411 : Strategic Campaigns

Communication campaigns to promote a brand, business or cause take many different forms such as live events, social media outreach and print promotion. This course will take students through the steps of planning a campaign: defining communication and organizational objectives, targeting audiences, developing a strategy, writing messaging, measuring activities, gauging audience response and effects, and evaluating the impact. Students will use case studies as well as their own identified opportunities related to campus engagement.

Credits 3

Prerequisites

Junior standing

COMM-420 : Political Campaigning in Virtual Environments

Introduces the range of communication practices that characterize contemporary political campaigns. Students will process existing understandings of political communication theory in order to design and implement a semester-long campaign project.

Credits 3

Term Offered

Fall Only

Session Cycle

F

COMM-427 : Communication in Romantic Relationships

Examines issues and research related to communication in romantic relationships including serial arguments, conflict management, technology mediated communication, power dynamics, and post-dissolutional communication. Particular emphasis will be placed on examining the utility of popular press relationship advice by comparing and contrasting with empirical research. Offered alternate years.

Credits 3

Term Offered

Fall Only

Session Cycle

F

COMM-447 : Science, Environment, and Health Communication

Examines the role of news, advocacy, scientific analysis, decision and policy making, risk perception, and other factors in the communication of issues related to science, environment, and health. Provides students with rich theoretical background, critical understanding, and practical skills to produce, investigate and critique communication processes related to the topics. Students in this course are required to conduct field work and original research, write and publish news, and analytical articles.

Credits 3

Term Offered

May Term

Session Cycle

M

COMM-481X : Media Field Experience

This course is designed to provide students field experience in media production, media writing, media management and/or media relations. Prior to signing up for this course, students will work with the instructor to identify a field experience site where they can either help create content at a media outlet such as a television/radio station or film production studio, or where they can practice media relations for a business or non-profit organization. The course requires students to complete: (1) an initial face-to-face meeting with the course instructor, (2) online modules about communication-related issues in the workplace, (3) an initial and exit interview with their site supervisor, (4) 100 hours of work in the field, (5) reflective short essay assignments and (6) a final project consisting of an online portfolio of work they complete during the field experience. Students may take the course up to two times for credit, but each time must be at a different site. FILA general education: experiential learning.

Credits 3

Prerequisites

COMM-100; COMM-255W or PWR-255W

Corequisites

Junior standing in major

Term Offered

All Terms

Session Cycle

A

COMM-490 : Independent Study

Upon approval of the department and the division head, a student with a cumulative grade point average of 2.20 or better may engage in an independent study or research project. One desiring to pursue independent study or research must submit a written description of the proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. At the end of the semester, the supervising professor files with the registrar a grade for the student and a description of the work accomplished. Credit may be received for no more than three independent studies or research projects.

Credits 3

Prerequisites

Completed application submitted to registrar's office

Term Offered

Fall and Spring

Session Cycle

FS

COMM-491 : Research

Upon approval of the department and the division head, a student with a cumulative grade point average of 2.20 or better may engage in an independent study or research project. One desiring to pursue independent study or research must submit a written description of the proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. At the end of the semester, the supervising professor files with the registrar a grade for the student and a description of the work accomplished. Credit may be received for not more than three independent studies or research projects.
Credits 3
Prerequisites
Completed application submitted to registrar's office
Term Offered
Fall and Spring
Session Cycle
FS

COMM-499 : Honors Project

An honors project is one in which a student researches a subject, by examination of relevant literature or by experimentation or both; the student reports the results in an accurately documented and well-written paper or appropriate representation of the work. Whenever the study deals with the subject of an established course, the student is expected to go well beyond the usual work of the course in research and in assimilation of the results as revealed in the report. Juniors and seniors with a cumulative grade point average of 3.40 or above may register for an honors project. One desiring to pursue an honors project must submit a written description of his or her proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. Upon the completion of the honors project, the student must present an oral defense of his or her project. The final grade must include a satisfactory performance on the oral defense, assessed by a three-faculty member team. The project advisor will authorize the make-up of the oral defense team and will assign the final grade on the project. The honors project title will be noted on the student's transcript. It is the student's responsibility to provide a copy of the written paper or appropriate representation of the work to the library in compliance with specifications approved by the Council on Education. The library director arranges for binding and storage.
Credits 3
Prerequisites
Completed application submitted to registrar's office
Term Offered
Fall and Spring
Session Cycle
FS

THEA-200 : Theatre Production: Costumes and Scenery

This course is an introduction to the many elements involved in Western theatre production, with emphases on two of the primary areas of design, construction and implementation: scenery and costumes, and an integration with stage management. The class will explore concepts, techniques, equipment and materials necessary for a successful theatrical production, emphasizing problem solving through research, experimentation, and collaboration. Students will be challenged to engage and understand the interrelationships between the various elements involved in mounting a stage production, and how these elements relate to and affect the other aspects of dramatic art.Previous experience with theatre is not necessary. FILA general education: fine arts and music.
Credits 3
Corequisites or Prerequisites
FILA-150 or FILA-350EW
Term Offered
Fall Only
Session Cycle
F

THEA-210 : Theatre Production: Lighting and Sound

An introduction to the many elements involved in Western theatre production, with a special focus on stage management and emphases on two of the primary areas of design, construction and implementation: lighting and sound. The class will explore concepts, techniques, equipment and materials necessary for a successful theatrical production, emphasizing problem solving through research, experimentation, and collaboration. Students will be challenged to engage and understand the interrelationships between the various elements involved in mounting a stage production, and how these elements relate to and affect the other aspects of dramatic art. Previous experience with theatre is not necessary. FILA general education: fine arts & music. Offered alternate years.
Credits 3
Corequisites or Prerequisites
FILA-150 or FILA-350EW
Term Offered
Spring Only
Session Cycle
S

THEA-225 : Scenic Painting

Practical study of the various theories, techniques and materials used in scenic painting. Focusing on theory and practice, encompasses a systematic approach to painting theatrical scenery. Emphasis on traditional scene painting techniques, including material selection (brushes and paints) and their practical application through design reproductions and faux finishes, as well as the tools and paints that have been developed to support those techniques. Students learn how the theories and techniques of scenic painting have changed historically, and how these unique changes have impacted the materials and techniques utilized by the scenic painter. Engages with the unique qualities of different types of paint noting how they perform on different types of materials, and how that knowledge can be used to create effective results. Projects include painting stage drops, creating stained glass windows with paint, faux marble and wood grain finishes, photos and designer renderings. FILA general education: fine arts and music.
Credits 3
Corequisites or Prerequisites
FILA-150 or FILA-350EW
Term Offered
May Term
Session Cycle
M

THEA-250 : World Theatre History I

Traces the development of dramatic art and the history of theatrical production from its ritual beginnings to the English Restoration. It will place dramatic art and theatre history in context by engaging with the social, political and cultural conditions of specific historical moments. Topics of study will include Greek Drama, Roman spectacle, Sanskrit Drama, Noh Drama, early Medieval religious and secular theatre, Italian commedia dell'arte, Renaissance and Baroque pageantry, and the English Restoration. The approach will be a documentary one. Students will read specific play texts in conjunction with primary evidence, both textural and pictorial, using both to illuminate the creation and history of theatre. FILA general education: fine arts and music. Offered alternate years.
Credits 3
Corequisites or Prerequisites
FILA-150 or FILA-350EW
Term Offered
Fall Only
Session Cycle
F

THEA-255 : World Theatre History II

Survey of post-Restoration theatrical culture, history and production forms. Though it is a continuation of the World Theatre History I, the student need not have taken the previous course. Students will begin examining theatrical history and expression in Turkey, China and Japan, and move across the European continent focusing on the rise of European modernity. Students will cover Romantic theatre and opera, melodrama and poetic spectacle, Realism, Naturalism and the independent theatre movement as well as the innovation of early 20th century theatrical practitioners. The approach will be a documentary one. Students will read specific play texts in conjunction with primary evidence, textural and pictorial, using both to illuminate the creation and history of theatre. FILA general education: fine arts and music. Offered alternate years.
Credits 3
Corequisites or Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Spring Only
Session Cycle
S

THEA-310 : Production Laboratory/Applied Performance (Acting, Movement)

Production laboratory requiring intense involvement with the process of translating a play text from script to performance. Requires the student to work independently and as an ensemble interpreting, rehearsing and performing a play. Professionalism and dedication to the theatrical process are stressed. In-class and out-of-class work is essential. May be repeated for credit.
Credits 1
Prerequisites
Audition and permission of instructor
Term Offered
Fall and Spring
Session Cycle
FS

THEA-311 : Production Laboratory/Applied Performance (Lighting, Costumes and Makeup, Scenic Painting, Scenery and Props, Technical Direction, and Sound)

Application of technology associated with lighting, costumes and makeup, scenery and properties, scenic painting, technical direction, and sound as associated with theatrical production. Requires the student to work independently and with faculty and/or guest designer to interpret, create, and implement effective designs. Professionalism and dedication to the theatrical process are stressed. In-class and out-of-class work is essential. May be repeated for credit.
Credits 1
Prerequisites
Permission of instructor
Term Offered
Fall and Spring
Session Cycle
FS

THEA-312 : Production Laboratory/Applied Performance (Stage Management, Dramaturgy, Assistant Directing)

Application of techniques associated with stage management, dramaturgy, and assistant directing as associated with theatrical production. Requires the student to work independently and with faculty and/or guest artists to interpret, create, and implement effective theatrical performances. Professionalism and dedication to the theatrical process are stressed. In-class and out-of-class work is essential. May be repeated for credit.
Credits 1
Prerequisites
Permission of instructor
Term Offered
Fall and Spring
Session Cycle
FS

THEA-315X : Theatre in London

An exploration of the rich and varied theatrical scenes in London through nightly attendance at professional and nonprofessional productions. The group attends professional West End, classical, modern, and musical productions. Immersive theatre, experimental performance, and alternative theatrical spaces/venues are explored. Workshops with professionals, theatre workshops, and back stage tours, as well as theatrical, historical, and cultural interests complement the experience as do side-trips to Stratford-upon-Avon and Shakespeare's Globe theatre. FILA general education: fine arts and music and experiential learning.
Credits 3
Corequisites or Prerequisites
FILA-150 or FILA-350EW
Term Offered
May Term
Session Cycle
M

THEA-320 : Improvisation

This course will focus on invention and structured improvisation as tools to explore "being in the moment" both on and off stage. Focusing on the body and voice through theatre games, creative dramatics, role-play, storytelling, clowning, autobiographical performance and movement, improvisation skills will be approached from two perspectives: concentration and action. Through responding to each other's playfulness, ingenuity and creativity, students will be encouraged to break through set thinking and movement patterns that may have limited them in the past. This class is not just for the theatre student! While the work is grounded in theatre, it can be applied to any discipline.
Credits 3
Term Offered
Fall Only
Session Cycle
F

THEA-325 : Acting

Acting provides the student with an organized and practical approach to acting. A systematic approach to acting through a thorough examination and application of Konstantin Stanislavski's system of acting with in depth attention to the technique of the actor and their use of body and voice. Textual analysis, scene work, monologues, auditioning, performance pieces, and various training exercises will be used. No theatre experience is necessary. FILA general education: fine arts & music. Offered alternate years.
Credits 3
Corequisites or Prerequisites
FILA-150 or FILA-350EW
Term Offered
Fall Only
Session Cycle
F

THEA-330 : Directing

Designed to introduce the student to the basic fundamentals of directing plays for the stage. Students will carefully examine play structure and analysis, communication with the actor and designer, and rehearsal process and performance. Students will explore the work of the director through laboratory exercise, and short performance piece where students cast and direct their own scenes. Examining the techniques of many of the most influential 20th century stage directors, students will work towards a technique that the student can call his/her own. Practical work will be combined with written analysis in addition to the final short student-director production. FILA general education: fine arts and music. Offered alternate years.
Credits 3
Corequisites or Prerequisites
FILA-150 or FILA-350EW
Term Offered
Spring Only
Session Cycle
S

THEA-345 : Acting: Styles and Techniques

This course will introduce the student to the physical, vocal, and mental worlds of various styles and techniques of non-realistic performance traditions. Students will experiment with a variety of acting styles and techniques including physical, masked, post-modern, non-western, and devised performance. This course includes interfaith components of eastern meditative, movement, and centering practices as they are linked to acting methods and techniques. This course is a practical expression of the theoretical and historical. Textual analysis, scene work, monologues, and various training exercises will be used. FILA general education: fine arts & music. Offered alternate years.

Credits 3

Corequisites or Prerequisites

FILA-150 or FILA-350EW

Term Offered

Fall Only

Session Cycle

F

THEA-355 : Environmental Theatre

Environmental theatre began in the 1960s in response to the social and political climate of the time. Performers and performance groups pushed the boundaries of what was traditionally thought of as theatre, and as a result, restructured and reinvigorated the fundamental understanding of what performance was and its function within society. Environmental theatre continues to be a powerful vehicle for social commentary. The objective of this course is three-fold: to introduce the student to the cultural, social, and political richness of environmental theatre, including site-specific performance; to provide a historical understanding of the period by highlighting how the original practitioners and their works were directly influenced by cultural events of the time; and, to involve the student in the process of creating and performing their own individual and group site-specific environmental performance piece. FILA general education: fine arts and music. Offered alternate years.

Credits 3

Corequisites or Prerequisites

FILA-150 or FILA-350EW

Term Offered

Spring Only

Session Cycle

S

THEA-360W / ENG-360W : Modern Drama

Examination of theatrical literature and forms from the late 19th century well-made plays, Realism, Expressionism, Futurism and Symbolism to Epic theatre and the Theatre of the Absurd. Playwrights such as Henrik Ibsen, Bernard Shaw, Anton Chekhov, Eugene O'Neill, Bertolt Brecht, Samuel Beckett and others will be studied. The goals of this course are for students to gain an understanding of the scope, history, techniques and influence of Modern Drama. FILA general education: literature and writing intensive. Offered alternate years. (Cross-listed as ENG-360W)

Credits 3

Prerequisites

FILA-150 or FILA-350EW; ENG-110

Term Offered

Fall Only

Session Cycle

F

THEA-362W / ENG-362W : Contemporary Drama

Contemporary theatrical forms of American and British drama. Students will begin with post-World War II dramatic works and move sequentially to the present day. Some areas of attention will be the "angry young men," metadrama, gender race and ethnicity, the "new brutalism," and contemporary docudrama. Particular focus will be on how play texts engage with the cultural and historical moment of their creation. The goals of this course are for students to gain an understanding of the scope, history, techniques and influence of contemporary drama. Playwrights such as John Osborne, Edward Albee, Edward Bond, José Rivera, Martin McDonagh, Tony Kushner, Sarah Kane, Suzan Lori-Parks, Nilo Cruz, Moisés Kaufman, Sarah Ruhl and others will be studied. FILA general education: literature and writing intensive. Offered alternate years. (Cross-listed as ENG-362W)

Credits 3

Prerequisites

FILA-150 or FILA-350EW; ENG-110

Term Offered

Spring Only

Session Cycle

S

THEA-365 / ENG-365 : Studies in Drama

Study of the development of drama as a distinctive literary form focusing on the genre's history, techniques, and conventions. FILA general education: Literature. (Cross-listed as ENG-365)

Credits 3

Prerequisites

FILA-150 or FILA-350EW; ENG-110

Term Offered

Fall Or Spring

Session Cycle

FOS

THEA-370X : Special Topics in Theatre

A study of specific topics related to theatre including Movement for the Performer, Playwriting, Set Design, Lighting Design, and Costume Design. May be taken more than once provided different topics are covered. FILA general education: fine arts and music & experiential learning.
Credits 3
Corequisites or Prerequisites
FILA-150 or FILA-350EW
Term Offered
Fall and Spring
Session Cycle
FS

THEA-450 : Theatre Capstone

A formal capstone experience focused on the student's area of concentration. Defined through consultation with the theatre faculty, the capstone will outline and realize a body of theatrical work and presentation. Focus could be on acting, design (set, light, costume), directing a fully realized theatre production, as well as the writing of a full-length play or a significant project in historical research and writing. Projects must be submitted and approved by theatre faculty prior to the student's final year of study.
Credits 3
Prerequisites
Permission of instructor
Term Offered
Fall and Spring
Session Cycle
FS

THEA-480X : Internship

Provides an opportunity for a student to gain field experience in an area related to the student's program of study or career goals. The learning objectives for internships include connecting academic knowledge and problem-solving processes to experiences and problems in professional settings. Supervision of an intern is provided by an appropriate faculty member and by a site supervisor of the agency or business in which the student is an intern. A student who wishes to engage in an internship must consult with the appropriate faculty member at least eight weeks in advance of the start of the term in which the internship is to be completed. A description of the internship, signed by the student and the faculty sponsor, must be filed with the director of internships by the first day of the semester prior to the start of the internship. Approval of each application for an internship is made by the director of internships based upon approved policies and guidelines. Internships are graded on an S or U basis. Students must complete 120 hours of internship-related work as well as weekly journal entries and a final reflective paper completed in accordance with approved requirements. A student may enroll in an internship program for 3 credits per semester, and internship credit may be earned in subsequent semesters subject to the limitations that no more than two internships may be pursued in any one agency or business and a maximum of 9 credits in internships may be applied toward graduation. FILA general education: experiential learning.
Credits 3
Prerequisites
FILA-150 or FILA-350EW, junior or senior standing, and a minimum 2.0 grade point average
Term Offered
All Terms
Session Cycle
A

THEA-490 : Independent Study

Upon approval of the department and the division head, a student with a cumulative grade point average of 2.20 or better may engage in an independent study or research project. One desiring to pursue independent study or research must submit a written description of the proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. At the end of the semester, the supervising professor files with the registrar a grade for the student and a description of the work accomplished. Credit may be received for no more than three independent studies or research projects.
Credits 3
Prerequisites
Completed application submitted to registrar's office
Term Offered
Fall and Spring
Session Cycle
FS

THEA-491 : Research

Upon approval of the department and the division head, a student with a cumulative grade point average of 2.20 or better may engage in an independent study or research project. One desiring to pursue independent study or research must submit a written description of the proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. At the end of the semester, the supervising professor files with the registrar a grade for the student and a description of the work accomplished. Credit may be received for not more than three independent studies or research projects.
Credits 3
Prerequisites
Completed application submitted to registrar's office
Term Offered
Fall and Spring
Session Cycle
FS

THEA-499 : Honors Project

An honors project is one in which a student researches a subject, by examination of relevant literature or by experimentation or both; the student reports the results in an accurately documented and well-written paper or appropriate representation of the work. Whenever the study deals with the subject of an established course, the student is expected to go well beyond the usual work of the course in research and in assimilation of the results as revealed in the report. Juniors and seniors with a cumulative grade point average of 3.40 or above may register for an honors project. One desiring to pursue an honors project must submit a written description of his or her proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. Upon the completion of the honors project, the student must present an oral defense of his or her project. The final grade must include a satisfactory performance on the oral defense, assessed by a three-faculty member team. The project advisor will authorize the make-up of the oral defense team and will assign the final grade on the project. The honors project title will be noted on the student's transcript. It is the student's responsibility to provide a copy of the written paper or appropriate representation of the work to the library in compliance with specifications approved by the Council on Education. The library director arranges for binding and storage.
Credits 3
Prerequisites
Completed application submitted to registrar's office
Term Offered
Fall and Spring
Session Cycle
FS

Economics & Business Administration

BUS-105 : Exploring Sustainability in Organization

Exploratory course in three dimensions of sustainable organizations: people, planet and profit. Emphasizes sustainability of an organization's social, environmental and economic impacts, exploring these both individually and altogether. Additional cost associated with travel.
Credits 3
Term Offered
May Term
Session Cycle
M

BUS-110 : Personal Finance

How to manage personal income and wealth through personal finances, tax, retirement and estate planning, personal budgeting, banking alternatives, consumer credit, insurance, home buying and investments.
Credits 3
Term Offered
May Term
Session Cycle
M

BUS-115 : History of Advertising

This course is a study of advertising, its roles in business, and its impacts on society, including such topics as the development of the middle class and the rise of mass consumption; lifestyle changes; changing gender roles in the family, workplace, and society as a whole; consumerism; government regulation of business; and ethical concerns about business practices. Focusing largely, but not exclusively, on advertising in the American experience, this course will explore advertising from multidisciplinary perspectives to produce a broad-based understanding of how advertising has had an impact on, and been impacted by, business, not-for-profit and public causes, societal values, politics, and other aspects of everyday life.
Credits 3
Term Offered
May Term
Session Cycle
M

BUS-120 : Survey of Business

Introduces a variety of business principles and practices as a foundation for students majoring in Business Administration and for non-business majors interested in acquiring basic understanding of the business world. Addresses aspects of leadership and personal assessment and development through a semester-long business plan project, helping students to assess their interest in and aptitude for various business disciplines.
Credits 3
Term Offered
Fall and Spring
Session Cycle
FS

BUS-200 : Figuring Your Small Business

Introduces the basic financial concepts and tools needed to run a business "by the numbers," focusing on using financial reports to analyze business activity, monitor financial performance, and budget for upcoming plans. Credit may not be received for both BUS-200 and BUS-201.
Credits 3
Term Offered
May Term
Session Cycle
M

BUS-201 : Principles of Accounting I

Accounting for sole proprietorships and corporations, accounting records, processing accounting information and financial statement content.
Credits 3
Term Offered
Fall and Spring
Session Cycle
FS

BUS-202 : Principles of Accounting II

Accounting for partnerships, time-value of money applications, cash flows, budgeting, cost determination, responsibility accounting, and decision-driven financial information.
Credits 3
Prerequisites
BUS-201
Term Offered
Fall and Spring
Session Cycle
FS

BUS-205 : Business Practicum

Skills-and-theory based class that helps students apply critical thinking to make a difference in their community and the world by developing projects that impact the lives of others. Students are given a chance to develop leadership, organizational, communication and teamwork skills, while also enhancing project management and creative skills. Work includes a minimum of three hours outside the class and one hour inside each week. Course may be repeated for a total of 3 credits.
Credits 1
Prerequisites
Permission of instructor
Term Offered
Fall and Spring
Session Cycle
FS

BUS-211 : Principles of Finance

An introduction to corporate finance. It introduces how companies invest in real assets, raise funds to pay for investments, and how investments affect the value of firms. It provides an overview of capital markets, the role of financial institutions in the economy and how securities are traded and valued by investors. The course introduces ways to think analytically about financial issues that firms and individuals will likely encounter.
Credits 3
Prerequisites
BUS-120; MATH-140
Term Offered
Fall and Spring
Session Cycle
FS

BUS-212 : Equine Farm and Stable Management

Preventative health maintenance, facility management and basic sound business practices. Topics on horse selection, sanitation, routine veterinary practices, nutrition and supplements, equipment recognition and selection, facilities design, hoof care and furriery, exercise physiology, liability issues and insurance selection. Lecture and laboratory times required.
Credits 4
Term Offered
Spring Only
Session Cycle
S

BUS-300 : Principles of Organization Management

General overview of the principles of planning, organizing, leading, and controlling human and other resources for the achievement of an organization's goals. Examines the impact and role of communication, motivation, group dynamics, and organization culture, conflict and change as the context for current management practices. Uses written and oral reports to develop student writing and speaking skills.
Credits 3
Prerequisites
BUS-120; ENG-110; or permission of instructor
Term Offered
Fall and Spring
Session Cycle
FS

BUS-305X : International Business and Entrepreneurship

Examines the importance of fostering entrepreneurship as the key to economic, social, and intellectual development in a myriad of cultural settings and economic/political systems around the globe. This course will include a field study approach with visits to embassies and the World Bank on a one week trip to Washington, D.C. FILA general education: experiential learning.
Credits 3
Prerequisites
COMM-100; two courses from ECON-200, ECON-210, PSY-101 and SOC-101
Term Offered
May Term
Session Cycle
M

BUS-310 : Principles of Marketing

Explores the principles and practices of how goods, services, and ideas are developed and distributed in order to satisfy individual and organization needs, wants and objectives. Emphasis is placed on the micro-marketing perspectives including product, price, promotion and place.
Credits 3
Prerequisites
BUS-120; COMM-100
Term Offered
Fall and Spring
Session Cycle
FS

BUS-315 : Marketing Research

Explores the scope of marketing research and its role in effective decision making. Students investigate, assess and conduct various types of quantitative and qualitative research, from surveys to focus groups.
Credits 3
Prerequisites
MATH-140; BUS-310
Term Offered
Spring Only
Session Cycle
S

BUS-330 : Principles of Information Systems

Introduction to information system theory and application with special emphasis on information systems design in the functional areas of management, marketing, accounting, and operations management. Credit may not be received for both BUS-330 and CIS-250.
Credits 3
Prerequisites
BUS-202; BUS-300; MATH-140
Term Offered
Fall and Spring
Session Cycle
FS

BUS-340 : Management Science

Introduces essential quantitative techniques and their use in business decision-making, including decision analysis, forecasting, linear programming, project scheduling, inventory cost minimization, and queuing analysis. Emphasis on the practical application of these techniques to production and operations management and other business problems.
Credits 3
Prerequisites
BUS-300; MATH-140
Term Offered
Fall and Spring
Session Cycle
FS

BUS-345 : Supply Chain Management

Examines supply chain management processes as they apply to both service and manufacturing organizations, with special consideration given to identifying ways in which the strategic use of supply chain management can create competitive advantages for firms. Topics covered include logistics, inventory management, sales and operations planning, sourcing and purchasing processes, materials planning, TQM, JIT, lean processes, and technology-enhanced supply chain processes. Requires travel throughout the Shenandoah Valley to participate in plant tours and other field experiences. Additional cost associated with travel.
Credits 3
Prerequisites
BUS-330; BUS-340; junior or senior standing; or permission of instructor
Term Offered
May Term
Session Cycle
M

BUS-350 : Business Law

The U.S. legal and regulatory environment, including the sources of law; the resolution of disputes; the Uniform Commercial Code; the laws of torts, contracts, agency, partnerships, corporations, employment, and equal opportunity; and laws regulating competition.
Credits 3
Prerequisites
BUS-120; ENG-110; junior or senior standing
Term Offered
Fall and Spring
Session Cycle
FS

BUS-358 : Equine Business Management

Examination of basic business practices including business plan development, record-keeping, professional ethics, liability, insurance, resource management, evaluating and selecting staff, competitive pricing, identifying regional demographics, advertising, grant design and community development, and building a client base.
Credits 3
Term Offered
Fall Only
Session Cycle
F

BUS-360 : Venture Creation

This course is a dynamic learning and business development experience focused on the professional development of young entrepreneurs. Students will develop their own creative ideas, and use the rigorous lean startup protocol to design a specific business model to launch and scale (theoretically for class purposes only, or in the real world). Emphasis is placed on the lean startup and customer development principles (e.g. innovative business models, scientific approach, hypothesis testing, rapid iteration, minimum viable product, problem-solution fit, customer discovery process and agile development).
Credits 3
Recommended Prerequisites
Junior standing
Prerequisites
BUS-120 or permission of instructor
Term Offered
Fall Only
Session Cycle
F

BUS-365X : Cross-Cultural Issues in Business

Explores cultural differences in business practices. Combines international travel and experiential learning with classroom discussion and reflection to enrich students' educational experience. The travel portion of the course provides opportunities for direct communication with business leaders in the selected location, facility tours, and attending business lectures at local universities. Travel destinations include Europe, South America, Japan and China. On campus, students actively reflect on cross-cultural similarities and differences in the conduct of business, cross-cultural business issues, and ways to become more sensitive to the complexities, relationships, and dialogues among different cultures. May be taken more than once provided a different location is selected each time. FILA general education: experiential learning.
Credits 3
Prerequisites
ENG-110
Term Offered
May Term
Session Cycle
M

BUS-371 : Intermediate Accounting I

A two-course examination of financial accounting issues. BUS-371 focuses on accounting theory, FASB's conceptual framework, GAAP & IFRS presentations for financial statements.
Credits 3
Prerequisites
BUS-202
Term Offered
Fall Only
Session Cycle
F

BUS-372 : Intermediate Accounting II

A two-course examination of financial accounting issues. BUS-372 examines time-value of money applications, liabilities, leases, pensions and post-retirement obligations, stockholders' equity, earnings per share, accounting changes, correcting accounting errors, and comprehensive statements of cash flows.
Credits 3
Prerequisites
BUS-371
Term Offered
Spring Only
Session Cycle
S

BUS-375 : Accounting Information Systems

Integrates information technology and software in transactions control procedures and financial reporting cycles. Provides students with the knowledge and skills necessary to function within the cutting edge of accounting information systems. Offered alternate years.
Credits 3
Term Offered
Spring Only
Session Cycle
S

BUS-380 : Introduction to Tax

Provides an introduction to the federal income tax system, course emphasis is placed on providing foundational knowledge of individual and business taxation. Offered alternate years.
Credits 3
Prerequisites
BUS-202
Term Offered
Fall Only
Session Cycle
F

BUS-381 : Individual Compliance and Planning

Introduction to the federal tax structure, emphasizing accounting for personal income taxes, including preparation of individual income tax returns. Highlights working with tax law, determining personal and dependency exemptions, gross income, deductions, losses, depreciation, and tax credits. Offered alternate years.
Credits 3
Prerequisites
BUS-202
Term Offered
Fall Only
Session Cycle
F

BUS-382 : Entity Compliance and Planning

Emphasizes accounting for preparing corporate, partnership, gift, estate, and trust returns. Focuses on corporate operating rules, organization, capital structure, distributions, S Corporation limitations, exempt entities, and tax administration and practice. Offered alternate years.
Credits 3
Prerequisite Courses
BUS-202
Term Offered
Spring Only
Session Cycle
S

BUS-385 : Intermediate Managerial Accounting / Data Analytics

Preparation and utilization of financial information for internal management purposes with emphasis placed on cost behavior, cost determination, and the development of information for planning and control purposes. Offered alternate years.
Credits 3
Prerequisites
BUS-202; MATH-140
Term Offered
Fall Only
Session Cycle
F

BUS-391 : General Principles of Financial Planning

Providing a comprehensive examination, students are introduced to financial planning and working with clients to establish goals and assess risk tolerance.
Credits 3
Prerequisites
Junior or Senior status
Term Offered
Fall and Spring
Session Cycle
FS

BUS-392 : Risk Management and Insurance Planning

General principles of risk management and insurance planning are examined for individual and family clients. Students are introduced to risk management and insurance planning processes and exploration of insurance lines of coverage to analyze needs and select appropriate policies.
Credits 3
Prerequisites
BUS-391
Term Offered
Fall Only
Session Cycle
F

BUS-393 : Investment Planning

Exploration of the securities market, sources of information, investment risk and returns are examined for portfolio construction and analysis. Students will evaluate asset classes for investment objectives to determine suitability for clients.
Credits 3
Prerequisites
BUS-391
Term Offered
Spring Only
Session Cycle
S

BUS-394 : Tax Planning

Coverage for taxation at individual and business levels, focusing on investments, insurance, annuities, and retirement planning. Students will examine likely tax consequences of financial activities and select tactics and strategies to reduce overall tax consequences.
Credits 3
Prerequisites
BUS-391
Term Offered
Fall Only
Session Cycle
F

BUS-395 : Retirement Savings and Income Planning

Emphasizing retirement needs analysis and key factors for retirement plan selection, students will assess and compare retirement plans and provide recommendations for a given situation.
Credits 3
Prerequisites
BUS-391
Term Offered
Spring Only
Session Cycle
S

BUS-396 : Estate Planning

Introducing federal gift, estate, and generation-skipping transfer taxes to plan for minimization of tax for transfer of wealth purposes. Students will explore income-shifting options, and the harmonizing of tax and non-tax aspects of estate planning.
Credits 3
Prerequisites
BUS-391
Term Offered
Fall Only
Session Cycle
F

BUS-397 : Financial Plan Development

Serving as the minor capstone course, students will demonstrate how to apply their knowledge in the development of a comprehensive financial plan according to CFP Board's Financial Planning Practice Standards and client objectives.
Credits 3
Prerequisites
BUS-391; BUS-392; BUS-393; BUS-394; BUS-395; BUS-396
Term Offered
Fall and Spring
Session Cycle
FS

BUS-400 : Advanced Accounting

Accounting for partnerships, business combinations, state and local governments, private not-for-profit organizations and other selected topics. Offered alternate years.
Credits 3
Prerequisites
BUS-372
Term Offered
Fall Only
Session Cycle
F

BUS-401 : Advanced Managerial Accounting / Data Analytics

Focuses on problem solving for managerial accounting issues. Prepares for the role accountants have in planning and control of the organization, develops proficiencies in analysis techniques for decision making and effective ways to communicate results. Offered alternate years.
Credits 3
Prerequisites
BUS-202
Term Offered
Spring Only
Session Cycle
S

BUS-405 : Auditing

Theory and practice of auditing: the techniques, standards, legal environment, and ethics of the public accounting profession. Emphasis is placed on the study of internal controls, and compliance and substantive tests of functional cycles within the firm, audit reports, accounting and review services, and other attestation services.
Credits 3
Prerequisites
BUS-372
Term Offered
Spring Only
Session Cycle
S

BUS-412W : Professional Selling

Designed to develop student interaction and business skills with strategies relating to the personal selling side of marketing. Emphasis is placed on business-to-business and consumer selling strategies, as these skills are also applicable to retail selling and may be beneficial in enhancing skills necessary for selling ideas within the business, workplace, community at large or society in general. FILA general education: writing intensive.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110; BUS-300; BUS-310; or permission of instructor
Term Offered
Spring Only
Session Cycle
S

BUS-414W : Consumer Behavior

A study of purchasing patterns and habits of consumers (individual and business) from both societal and psychological sides; increases student understanding of how businesses develop marketing plans to appeal to recognized consumer needs, wants and characteristics. Emphasis is placed on observations in the retail environment including cultural, societal and personal preferences. FILA general education: writing intensive.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110; BUS-300; BUS-310; or permission of instructor
Term Offered
Fall Only
Session Cycle
F

BUS-416W : Advertising

A study of the wide varieties of non-personal ways an organization communicates with customers and other stakeholder groups. Primary emphasis is placed on traditional paid media. Internet and social media options are also reviewed, along with alternative advertising vehicles such as brochures, direct mail and point-of-sale contacts. Course content includes a review of the planning, design and production processes, as well as sample communications as an essential part of the learning process. FILA general education: writing intensive.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110; BUS-300; BUS-310; or permission of instructor
Term Offered
Fall Only
Session Cycle
F

BUS-420 : Human Resource Management

Personnel administration from a managerial perspective, including recruitment, training and development, performance appraisal, compensation and motivation, employee/management relations, and various legal and regulatory issues.
Credits 3
Prerequisites
BUS-300
Term Offered
Fall and Spring
Session Cycle
FS

BUS-422X : Entrepreneurship

Emphasizes general principles of entrepreneurship and small business management for students interested in developing their own business. Provides practical experience through service learning, written and oral reports. FILA general education: experiential learning. Additional costs associated with travel.
Credits 3
Recommended Prerequisites
BUS-315 is recommended to be taken prior to or concurrently with the course
Prerequisites
COMM-100; BUS-200 or
BUS-202; BUS-300; BUS-310; junior or senior standing
Term Offered
Spring Only
Session Cycle
S

BUS-430 : Investments

Introduction to security selection and portfolio management in global financial markets, including the theoretical and practical aspects of asset allocation and stock and bond valuation. Offered alternate years.
Credits 3
Prerequisites
BUS-202
Term Offered
Fall Only
Session Cycle
F

BUS-448 : Financial Statement Analysis and Equity Valuation

Capstone course for the finance emphasis focusing on strategic issues such as capital budgeting, the cost of capital, capital structure, dividend policy, and debt and equity financing. Case studies are used to develop analytical skills and enhance student understanding of the practical application of financial theory. Offered alternate years.
Credits 3
Prerequisites
BUS-211 or concurrent enrollment in BUS-371
Term Offered
Fall Only
Session Cycle
F

BUS-468 : Contemporary Issues in Business

A senior seminar for the marketing, organization management and international emphases designed to help students integrate knowledge from general education, major and emphasis courses with current professional issues. Focus placed on issues such as international marketing, employee relations and other cross-cultural concerns; effects of cross-country financial, legal political, media and transportation variations; interpersonal vs. virtual work environments; e-commerce; professional ethics; adapting and strengthening corporate culture in dynamic environments; and integrating functional and geographic business strategies.

Credits 3

Prerequisites

Senior standing in the business administration major or permission of instructor

Term Offered

Spring Only

Session Cycle

S

BUS-478X : Strategic Management

A seminar-style capstone course for Business Administration majors that integrates the functional areas of business (accounting, finance, management, and marketing) through analysis, forecasting, and developing solutions to complex business scenarios. The course uses a combination of readings, discussion, case studies, and a team-based computer simulation to focus on managing strategically and responsibly. FILA general education: experiential learning.

Credits 3

Prerequisites

FILA-150 or FILA-350EW; COMM-100; BUS-300; BUS-310; BUS-211; BUS-330; BUS-340 or BUS-385; BUS-350; senior standing; or permission of instructor

Term Offered

Fall and Spring

Session Cycle

FS

BUS-480X : Internship

Provides an opportunity for a student to gain field experience in an area related to the student's program of study or career goals. The learning objectives for internships include connecting academic knowledge and problem-solving processes to experiences and problems in professional settings. Supervision of an intern is provided by an appropriate faculty member and by a site supervisor of the agency or business in which the student is an intern. A student who wishes to engage in an internship must consult with the appropriate faculty member at least eight weeks in advance of the start of the term in which the internship is to be completed. A description of the internship, signed by the student and the faculty sponsor, must be filed with the director of internships by the first day of the semester prior to the start of the internship. Approval of each application for an internship is made by the director of internships based upon approved policies and guidelines. Internships are graded on an S or U basis. Students must complete 120 hours of internship-related work as well as weekly journal entries and a final reflective paper completed in accordance with approved requirements. A student may enroll in an internship program for 3 credits per semester, and internship credit may be earned in subsequent semesters subject to the limitations that no more than two internships may be pursued in any one agency or business and a maximum of 9 credits in internships may be applied toward graduation. FILA general education: experiential learning.

Credits 3

Prerequisites

FILA-150 or FILA-350EW, junior or senior standing, and a minimum 2.0 grade point average

Term Offered

All Terms

Session Cycle

A

BUS-490 : Independent Study

Upon approval of the department and the division head, a student with a cumulative grade point average of 2.20 or better may engage in an independent study or research project. One desiring to pursue independent study or research must submit a written description of the proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. At the end of the semester, the supervising professor files with the registrar a grade for the student and a description of the work accomplished. Credit may be received for no more than three independent studies or research projects.

Credits 3

Prerequisites

Completed application submitted to registrar's office

Term Offered

All Terms

Session Cycle

A

BUS-491 : Research

Upon approval of the department and the division head, a student with a cumulative grade point average of 2.20 or better may engage in an independent study or research project. One desiring to pursue independent study or research must submit a written description of the proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. At the end of the semester, the supervising professor files with the registrar a grade for the student and a description of the work accomplished. Credit may be received for not more than three independent studies or research projects.
Credits 3
Prerequisites
Completed application submitted to registrar's office
Term Offered
All Terms
Session Cycle
A

BUS-499 : Honors Project

An honors project is one in which a student researches a subject, by examination of relevant literature or by experimentation or both; the student reports the results in an accurately documented and well-written paper or appropriate representation of the work. Whenever the study deals with the subject of an established course, the student is expected to go well beyond the usual work of the course in research and in assimilation of the results as revealed in the report. Juniors and seniors with a cumulative grade point average of 3.40 or above may register for an honors project. One desiring to pursue an honors project must submit a written description of his or her proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. Upon the completion of the honors project, the student must present an oral defense of his or her project. The final grade must include a satisfactory performance on the oral defense, assessed by a three-faculty member team. The project advisor will authorize the make-up of the oral defense team and will assign the final grade on the project. The honors project title will be noted on the student's transcript. It is the student's responsibility to provide a copy of the written paper or appropriate representation of the work to the library in compliance with specifications approved by the Council on Education. The library director arranges for binding and storage.
Credits 3
Prerequisites
Completed application submitted to registrar's office
Term Offered
All Terms
Session Cycle
A

ECON-200 : Principles of Macroeconomics

Introduces scarcity, opportunity cost, and supply and demand analysis, with special emphasis on aggregate economic growth, unemployment, inflation, and fiscal and monetary policies. FILA general education: social sciences.
Credits 3
Prerequisites
FILA-150 or FILA-350EW
Term Offered
Fall and Spring
Session Cycle
FS

ECON-210 : Principles of Microeconomics

Analysis of individual choice and market behavior, with special emphasis on price and output relationships and the economics of the firm. FILA general education: social sciences.
Credits 3
Prerequisites
FILA-150 or FILA-350EW
Term Offered
Fall and Spring
Session Cycle
FS

ECON-300 : Money & Banking

Focuses on the financial system, determinants of interest rates, structure and regulation of the banking system, the Federal Reserve System, and monetary policy and it's impact on aggregate economic activity and inflation.
Credits 3
Prerequisites
ECON-200
Term Offered
Fall Only
Session Cycle
F

ECON-305 : Contemporary Economic Issues

Discussion of contemporary economic issues from conservative, liberal, and radical perspectives. Topics include both macroeconomic and microeconomic issues. Offered alternate years.
Credits 3
Prerequisites
ECON-200 or ECON-210
Term Offered
Spring Only
Session Cycle
S

ECON-310 : U.S. Economics & Business History

Traces the growth and development of the U.S. economy and economic institutions from the Colonial era to the present with special emphasis on key institutions and events, such as slavery, industrialization, the rise of big business and the Great Depression. FILA general education: global dynamics.
Credits 3
Prerequisites
ECON-200 or ECON-210
Term Offered
Spring Only
Session Cycle
S

ECON-320 : Labor Economics

Analysis of labor market supply and demand, wages and salaries, collective bargaining, discrimination, and macroeconomic implications of labor market issues. Offered alternate years.
Credits 3
Prerequisites
ECON-200 or ECON-210
Term Offered
Fall Only
Session Cycle
F

ECON-327 : Economics and the Environment

Examines the economic causes and consequences of environmental problems and evaluates market-based and nonmarket solutions for them, with special emphasis on pollution, overpopulation, resource depletion and sustainability. Offered alternate years.
Credits 3
Prerequisites
ECON-200 or ECON-210
Term Offered
Spring Only
Session Cycle
S

ECON-330 : Government & Business

Discussion of the role of government and market forces in promoting economic efficiency, focusing on antitrust policy, economic regulation, and socio-economic engineering.
Credits 3
Prerequisites
ECON-200 or ECON-210
Term Offered
Spring Only
Session Cycle
S

ECON-400 : Intermediate Macroeconomics Theory

Analyzes economic growth, business cycles, and the impact of economic institutions and policies on aggregate economic performance and living standards.
Credits 3
Prerequisites
ECON-200
Term Offered
Fall Only
Session Cycle
F

ECON-410 : Intermediate Microeconomics Theory

Theoretical and applied development of consumer choice, firm behavior, price and income determination, market behavior, and government policy.
Credits 3
Prerequisites
ECON-210
Term Offered
Spring Only
Session Cycle
S

ECON-420 : Development of Economic Thought

Traces the evolution of economic thought from ancient times to the present with special emphasis on Adam Smith, the classical school, socialism, Marx, marginalism, the neoclassical school, Keynes and Friedman. FILA general education: philosophy or religion. Offered alternate years.
Credits 3
Prerequisites
ECON-200 or ECON-210
Term Offered
Fall Only
Session Cycle
F

ECON-440 : International Economics

Theory of international economic interrelationships, including trade, finance, and monetary policies and institutions. FILA general education: global dynamics.
Credits 3
Prerequisites
ECON-200 or ECON-210
Term Offered
Spring Only
Session Cycle
S

ECON-460 : Senior Seminar

Capstone course for majors in Economics. Investigates selected economic issues, policies, and problems, and introduces regression methods used to test economic hypotheses. Students conduct quantitative research, collect data, formulate and test hypotheses, and present their results.

Credits 3

Prerequisites

ECON-400; ECON-410

Term Offered

Fall Only

Session Cycle

F

ECON-480X : Internship

Provides an opportunity for a student to gain field experience in an area related to the student's program of study or career goals. The learning objectives for internships include connecting academic knowledge and problem-solving processes to experiences and problems in professional settings. Supervision of an intern is provided by an appropriate faculty member and by a site supervisor of the agency or business in which the student is an intern. A student who wishes to engage in an internship must consult with the appropriate faculty member at least eight weeks in advance of the start of the term in which the internship is to be completed. A description of the internship, signed by the student and the faculty sponsor, must be filed with the director of internships by the first day of the semester prior to the start of the internship. Approval of each application for an internship is made by the director of internships based upon approved policies and guidelines. Internships are graded on an S or U basis. Students must complete 120 hours of internship-related work as well as weekly journal entries and a final reflective paper completed in accordance with approved requirements. A student may enroll in an internship program for 3 credits per semester, and internship credit may be earned in subsequent semesters subject to the limitations that no more than two internships may be pursued in any one agency or business and a maximum of 9 credits in internships may be applied toward graduation. FILA general education: experiential learning.

Credits 3

Prerequisites

FILA-150 or FILA-350EW, junior or senior standing, and a minimum 2.0 grade point average

Term Offered

All Terms

Session Cycle

A

ECON-490 : Independent Study

Upon approval of the department and the division head, a student with a cumulative grade point average of 2.20 or better may engage in an independent study or research project. One desiring to pursue independent study or research must submit a written description of the proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. At the end of the semester, the supervising professor files with the registrar a grade for the student and a description of the work accomplished. Credit may be received for no more than three independent studies or research projects.

Credits 3

Prerequisites

Completed application submitted to registrar's office

Term Offered

All Terms

Session Cycle

A

ECON-491 : Research

Upon approval of the department and the division head, a student with a cumulative grade point average of 2.20 or better may engage in an independent study or research project. One desiring to pursue independent study or research must submit a written description of the proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. At the end of the semester, the supervising professor files with the registrar a grade for the student and a description of the work accomplished. Credit may be received for not more than three independent studies or research projects.

Credits 3

Prerequisites

Completed application submitted to registrar's office

Term Offered

All Terms

Session Cycle

A

ECON-499 : Honors Project

An honors project is one in which a student researches a subject, by examination of relevant literature or by experimentation or both; the student reports the results in an accurately documented and well-written paper or appropriate representation of the work. Whenever the study deals with the subject of an established course, the student is expected to go well beyond the usual work of the course in research and in assimilation of the results as revealed in the report. Juniors and seniors with a cumulative grade point average of 3.40 or above may register for an honors project. One desiring to pursue an honors project must submit a written description of his or her proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. Upon the completion of the honors project, the student must present an oral defense of his or her project. The final grade must include a satisfactory performance on the oral defense, assessed by a three-faculty member team. The project advisor will authorize the make-up of the oral defense team and will assign the final grade on the project. The honors project title will be noted on the student's transcript. It is the student's responsibility to provide a copy of the written paper or appropriate representation of the work to the library in compliance with specifications approved by the Council on Education. The library director arranges for binding and storage.
Credits 3
Prerequisites
Completed application submitted to registrar's office
Term Offered
All Terms
Session Cycle
A

EQU-111 : Introduction to Equine Science

Survey of history, breeds, characteristics, colors, disciplines, health care, facilities, equipment, anatomy, reproduction, nutrition, management and careers in equine science and industry.
Credits 3
Term Offered
Fall Only
Session Cycle
F

EQU-211 : Equine Development & Behavior

History of the horse, appreciation of the evolutionary development of the horse, including mental and physical capabilities, and the instincts which guide the horse to self-preservation.
Credits 3
Term Offered
Fall Only
Session Cycle
F

EQU-220 : Theories Riding

Explanation of theories involved in the development of the riding skills necessary to become successful riders in selected disciplines. Focus on hunter seat equitation but will also identify the differences in riding styles and techniques among disciplines. Identification of the common riding faults and how those faults affect the horses' way of moving. Offered alternate years.
Credits 3
Term Offered
Spring Only
Session Cycle
S

EQU-306 : Equine Lameness and Disease

Introduction to common lameness and diseases of the horse. Differentiate between true emergencies and those situations which can be handled by the trained layperson, working knowledge of health requirements for equines, ability to design a plan for wellness and emphasis on effective communication with veterinary practitioners. Offered alternate years.
Credits 3
Term Offered
Spring Only
Session Cycle
S

EQU-329 : Practicum

Practicum experience consistent with the career objectives of the student. One hundred hours of competency based work in an environment relevant to the student's chosen discipline.
Credits 2
Term Offered
All Terms
Session Cycle
A

EQU-331 : Conformation: Form and Function

Demonstration of the relationship between the horse's conformation and its function or performance including methods of evaluation, confirmation in relation of usability, performance requirements of various breeds, and the methods of judging. Two lecture hours and two hours of practical application per week. Offered alternate years.
Credits 3
Prerequisites
EQU-111
Term Offered
Spring Only
Session Cycle
S

EQU-350X : International Equine Breeding, Training and Management

This course is designed to enhance students' understanding of global equine industry management, training, and breeding facilities. Students will have an opportunity to study and evaluate equine selection of breeding stock and young prospects internationally. This course will travel to a selection of international breeding facilities located in the UK and Europe. In addition, the class will allow students to make equine industry contacts. The focus will be on comparison of international horses to American bred horses, concentrating on breeding stock and training stock selection; as well as how each of those practices are managed. FILA general education: experiential learning.

Credits 3

Prerequisites

ENG-110; EQU-111; EQU-211; or permission of instructor

Term Offered

May Term

Session Cycle

M

EQU-364 : Judging and Course Design

Introduction to the process and systems involved in judging hunters, jumpers and hunter seat equitation including how to set up a judge's card, how to identify style strengths and error, the symbols used to record a performance on the card, and how to arrive at an order of award. Additionally, exploration of the design and building of hunter and jumper courses with special emphasis on the suitability of the design to skill level of competitors and level of horses involved. Offered alternate years.

Credits 3

Term Offered

Fall Only

Session Cycle

F

EQU-401 : Training & Schooling

Selection of suitable hunter/jumper prospects as well as teaching basic methods used in breaking horses, selecting facilities, equipment, over fences gymnastics, educating young or problem horses, preparation for horse shows, and the identification of necessary characteristics, personality traits and abilities to become a successful trainer in the horse world of today. Requires a two-hour lecture and two hours of practical application per week.

Credits 3

Term Offered

Spring Only

Session Cycle

S

EQU-499 : Honors Project

An honors project is one in which a student researches a subject, by examination of relevant literature or by experimentation or both; the student reports the results in an accurately documented and well-written paper or appropriate representation of the work. Whenever the study deals with the subject of an established course, the student is expected to go well beyond the usual work of the course in research and in assimilation of the results as revealed in the report. Juniors and seniors with a cumulative grade point average of 3.40 or above may register for an honors project. One desiring to pursue an honors project must submit a written description of his or her proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. Upon the completion of the honors project, the student must present an oral defense of his or her project. The final grade must include a satisfactory performance on the oral defense, assessed by a three-faculty member team. The project advisor will authorize the make-up of the oral defense team and will assign the final grade on the project. The honors project title will be noted on the student's transcript. It is the student's responsibility to provide a copy of the written paper or appropriate representation of the work to the library in compliance with specifications approved by the Council on Education. The library director arranges for binding and storage.

Credits 3

Prerequisites

Completed application submitted to registrar's office

Term Offered

All Terms

Session Cycle

A

Engineering & Physics

ENGR-101 : Foundations of Engineering I

An introduction to the engineering profession for first-year students, with a focus on the engineering design process and problem-solving. Includes data collection, modeling/analysis, and Computer-Aided Design software. Emphasizes professional practices and expectations, including communication, teamwork, and ethics.

Credits 2

Term Offered

Fall Only

Session Cycle

F

ENGR-102 : Foundations of Engineering II

An introduction to the engineering profession for first-year students, with a focus on the engineering design process and problem-solving. Includes data collection, modeling/analysis, and Computer-Aided Design software. Emphasizes professional practices and expectations, including communication, teamwork, and ethics.
Credits 3
Prerequisites
ENGR-101
Term Offered
Spring Only
Session Cycle
S

ENGR-303 : Circuit Analysis

Linear circuit analysis for circuits with resistors, inductors, and capacitors. DC and AC circuits. Includes laboratory work. Offered alternate years.
Credits 3
Prerequisites
PHYS-222 (minimum grade C-)
Term Offered
Fall Only
Session Cycle
F

ENGR-304 : Statics

Vector analysis includes couples, resultants, free-body diagrams, friction and rigid bodies. Equilibrium mechanics with trusses, frames, centers of mass, bending and shear forces in beams, moments of inertia and parallel-axis theorem. Use of software for vector/matrix algebra (eg, MATLAB). Offered alternate years.
Credits 3
Prerequisites
MATH-210; PHYS-221 (minimum grade C-)
Term Offered
Fall Only
Session Cycle
F

ENGR-305 : Dynamics

Newton's laws, impulse, work/energy, impact, rotational inertia and rotating axes. Vector kinematics of particles and rigid bodies. Offered alternate years.
Credits 3
Prerequisites
MATH-210; PHYS-221 (minimum grade C-)
Term Offered
Fall Only
Session Cycle
F

ENGR-306 : Signals and Systems

Continuous-time and discrete-time linear systems. Theory and applications of Fourier Series, Fourier Transforms and Laplace Transforms. Techniques of signal sampling and reconstruction. Use of MATLAB to implement digital signal processing. Offered alternate years.
Credits 3
Prerequisites
MATH-134; PHYS-222 (minimum grade C-)
Term Offered
Fall Only
Session Cycle
F

ENGR-331 : Thermodynamics

Theory and applications of classical thermodynamics, including first and second law of thermodynamics, gas mixtures, combustion, and power/refrigeration cycles. Equations of state, property tables, and other thermodynamic properties of pure substances. Offered alternate years.
Credits 3
Prerequisites
CHEM-161; MATH-134; PHYS-222 (minimum grade C-)
Term Offered
Fall Only
Session Cycle
F

ENGR-332 : Fluid Mechanics

Theory and applications of fluid mechanics, including Euler's and Bernoulli's equations, hydrodynamics, fluid properties and dynamics, statics, real fluids, laminar and turbulent flows, boundary layer modeling. Applications include introduction to turbomachinery, compressible flow and propulsion devices, flow measurement. Offered alternate years.
Credits 3
Prerequisites
MATH-134; PHYS-222 (minimum grade C-)
Corequisites or Prerequisites
MATH-233
Term Offered
Fall Only
Session Cycle
F

ENGR-333 : Heat and Mass Transfer

Basics of heat and mass transfer, with application to mechanical engineering systems including heat exchangers. Steady-state and transient conduction; convection and radiation. Offered alternate years.
Credits 3
Prerequisites
ENGR-331; ENGR-332; MATH-331
Term Offered
Spring Only
Session Cycle
S

ENGR-334 : Mechanics of Materials

Formulation and application of solid mechanics: analysis of forces, stresses, deformation and strains in solids (equilibrium, kinematic, and constitutive relations). Assessment of strength and stability, effects of pure and combined loading, and statically-indeterminate structures. Different mechanisms of strengthening of metals are also considered: grain refining, alloying with interstitial and substitutional solutes, precipitates, second-phase, etc. Contemporary approaches of modelling the strain hardening behavior are highlighted. Includes a two-hour weekly lab. Offered alternate years.
Credits 4
Prerequisites
ENGR-304
Term Offered
Fall Only
Session Cycle
F

ENGR-336 : Mechanical Design and Manufacturing With CAD

Application of engineering principles and material mechanics to the design of mechanical elements, such as shafts, gears, bearings, belts, springs, brakes, clutches, and fasteners. Includes failure criteria and safety factors, fatigue, deflection and impact. Design and manufacturing of mechanical systems carried out on a CAD/CAM system. Projects will be designed in 3D modeling program (eg, SolidWorks). 2 hours of lecture, 2 hours of lab. Offered alternate years.
Credits 3
Prerequisites
ENGR-102; PHYS-221 (minimum grade C-)
Term Offered
Spring Only
Session Cycle
S

ENGR-339 : Mechanical Vibrations

Review of fundamentals of vibrations with application of simple machine and structural
members. Topics include harmonic motion, free and forced vibration, resonance, damping, isolation, and transmissibility. Single, multiple, and infinite degree-of-freedom systems are also examined. Offered alternate years.
Credits 3
Prerequisites
ENGR-305
Term Offered
Spring Only
Session Cycle
S

ENGR-401 : Computational Applied Physics With Machine Learning

Computational and numerical techniques for problem-solving in applied physics. Methods for differential equations, Monte Carlo simulations, and modeling of physical systems (eg, fluid flows, waves). Programming of neural networks / machine learning to solve problems in engineering and applied science. Implemented in Python. Offered on demand.
Credits 3
Prerequisites
PHYS-218 or PHYS-221; CSCI-101 or CSCI-130;
Term Offered
May Term
Session Cycle
M

ENGR-461 : Electronics

Theory and application of circuit components: transistors, diodes, power supplies, filters, amplifiers, control circuits. Includes 2 hour laboratory each week and 2 hours of lecture. Offered alternate years.
Credits 3
Prerequisites
ENGR-303 (minimum grade C-)
Term Offered
Spring Only
Session Cycle
S

ENGR-464 : Digital Electronics

Analysis and applications of digital circuits such as flip-flops, registers, counters and analog-to-digital converters leading to interfacing real-time data collection to computers. Introduces field programmable gate arrays (FPGAs). Offered alternate years.
Credits 3
Prerequisites
PHYS-219 or PHYS-222; CSCI-101 or CSCI-130; MATH-210
Term Offered
Spring Only
Session Cycle
S

ENGR-477 : Introduction to Mechatronics Applications

Modeling and control of electromechanical systems. Electronic interface and controller design, selection of sensors and actuators, signal acquisition, filtering and conditioning. Use of microcontrollers. Offered alternate years.
Credits 3
Prerequisites
ENGR-306
Term Offered
Spring Only
Session Cycle
S

ENGR-478 : Control Systems

Feedback control of linear continuous and digital systems in the time and frequency domain. Frequency response, stability, root locus, linear state variable feedback, and design of compensators used to analyze closed-loop systems. Offered alternate years.
Credits 3
Prerequisites
ENGR-306
Term Offered
Spring Only
Session Cycle
S

ENGR-480X : Internship

Provides an opportunity for a student to gain field experience in an area related to the student's program of study or career goals. The learning objectives for internships include connecting academic knowledge and problem-solving processes to experiences and problems in professional settings. Supervision of an intern is provided by an appropriate faculty member and by a site supervisor of the agency or business in which the student is an intern. A student who wishes to engage in an internship must consult with the appropriate faculty member at least eight weeks in advance of the start of the term in which the internship is to be completed. A description of the internship, signed by the student and the faculty sponsor, must be filed with the director of internships by the first day of the semester prior to the start of the internship. Approval of each application for an internship is made by the director of internships based upon approved policies and guidelines. Internships are graded on an S or U basis. Students must complete 120 hours of internship-related work as well as weekly journal entries and a final reflective paper completed in accordance with approved requirements. A student may enroll in an internship program for 3 credits per semester, and internship credit may be earned in subsequent semesters subject to the limitations that no more than two internships may be pursued in any one agency or business and a maximum of 9 credits in internships may be applied toward graduation. FILA general education: experiential learning.
Credits 3
Prerequisites
FILA-150 or FILA-350EW, junior or senior standing, and a minimum 2.0 grade point average
Term Offered
All Terms
Session Cycle
A

ENGR-488 : Senior Project in Engineering I

In this two-course sequence, students collaborate in groups to design an engineering project supervised by engineering faculty. A typical project includes testing, analysis and redesign, with application of skills in manufacturing process design and fabrication. Students work in groups of 3 - 5 students. Professional communication is scaffolded throughout the sequence, including oral presentations, proposals and reports, and a comprehensive written final report.
Credits 1
Prerequisites
Senior standing in the Engineering major
Term Offered
Fall Only
Session Cycle
F

ENGR-489 : Senior Project in Engineering II

In this two-course sequence, students collaborate in groups to design an engineering project supervised by engineering faculty. A typical project includes testing, analysis and redesign, with application of skills in manufacturing process design and fabrication. Students work in groups of 3 - 5 students. Professional communication is scaffolded throughout the sequence, including oral presentations, proposals and reports, and a comprehensive written final report.
Credits 2
Prerequisites
Senior standing in the Engineering major
Term Offered
Spring Only
Session Cycle
S

ENGR-490 : Independent Study

Upon approval of the department and the division head, a student with a cumulative grade point average of 2.20 or better may engage in an independent study or research project. One desiring to pursue independent study or research must submit a written description of the proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. At the end of the semester, the supervising professor files with the registrar a grade for the student and a description of the work accomplished. Credit may be received for no more than three independent studies or research projects.
Credits 3
Prerequisites
Completed application submitted to the Registrar's Office
Term Offered
All Terms
Session Cycle
A

ENGR-491 : Research

Upon approval of the department and the division head, a student with a cumulative grade point average of 2.20 or better may engage in an independent study or research project. One desiring to pursue independent study or research must submit a written description of the proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. At the end of the semester, the supervising professor files with the registrar a grade for the student and a description of the work accomplished. Credit may be received for not more than three independent studies or research projects.
Credits 3
Prerequisites
Completed application submitted to the Registrar's Office
Term Offered
All Terms
Session Cycle
A

ENGR-499 : Honors Project

An honors project is one in which a student researches a subject, by examination of relevant literature or by experimentation or both; the student reports the results in an accurately documented and well-written paper or appropriate representation of the work. Whenever the study deals with the subject of an established course, the student is expected to go well beyond the usual work of the course in research and in assimilation of the results as revealed in the report. Juniors and seniors with a cumulative grade point average of 3.40 or above may register for an honors project. One desiring to pursue an honors project must submit a written description of his or her proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. Upon the completion of the honors project, the student must present an oral defense of his or her project. The final grade must include a satisfactory performance on the oral defense, assessed by a three-faculty member team. The project advisor will authorize the make-up of the oral defense team and will assign the final grade on the project. The honors project title will be noted on the student's transcript. It is the student's responsibility to provide a copy of the written paper or appropriate representation of the work to the library in compliance with specifications approved by the Council on Education. The library director arranges for binding and storage.
Credits 3
Prerequisites
Completed application submitted to the Registrar's Office
Term Offered
All Terms
Session Cycle
A

PHYS-110 : Introductory Astronomy

Designed to help students appreciate and understand their physical environment and the methods of physical science through the study of basic astronomy. Topics include the history of astronomy; motion of celestial objects; planets of the solar system; birth, life, and death of stars; galaxies; and cosmology. Three hours in class and two hours in laboratory per week. FILA general education: natural and physical sciences.
Credits 4
Prerequisites
MATH-110 or MATH-115 or MATH-118
Term Offered
Fall and Spring
Session Cycle
FS

PHYS-119 : Physics and the Modern World

Physics has given humanity the ability to better understand our world as well as transform our relationship with it. This course investigates the influence of physics principles, discoveries, and applications in human endeavors, such as electricity and nuclear radiation. The role that physics plays in energy use, technology and modern society is explored along with the impacts these discoveries and applications have on global and personal scales. FILA general education: natural and physical sciences.
Credits 4
Prerequisites
MATH-110 or MATH-115 or MATH-118
Term Offered
Fall and Spring
Session Cycle
FS

PHYS-125 : Concepts of Physics

An introduction to the basic concepts of physics emphasizing practical applications of physical laws to common occurrences. Physical descriptions are presented on how things move, the behavior of sound and light, uses of electricity and magnetism, and the behavior of fundamental particles. Three hours in class and two hours in laboratory per week. FILA general education: natural and physical sciences.
Credits 4
Prerequisites
MATH-110 or MATH-115 or MATH-118
Term Offered
Fall and Spring
Session Cycle
FS

PHYS-140 : The Physics of Music

This course is a set of lectures and active-learning activities that explore the physics of sounds and music. Topics covered include propagation and energy of sound waves, frequency and wavelength, harmonics and overtones, perception of sound intensity, how various musical instruments produce different sounds, and standing waves in different media.
Credits 3
Prerequisites
MATH-110 or MATH-118
Term Offered
May Term
Session Cycle
M

PHYS-150 : Astrophysics for Beginners

An introduction to astrophysics using computational models to explore the astrophysical processes responsible for the properties and structure of stars, stellar remnants, and black holes. We will also explore the formation of stars, dynamics of clusters, and large scale structure of the Universe. This course will include an off-campus visit to a national center of astrophysical research. No previous computing experience is necessary.
Credits 3
Prerequisites
MATH-110 or MATH-118
Term Offered
May Term
Session Cycle
M

PHYS-195 : Visualizing Physics With Computers

A hands-on introduction to scientific computing with professional software packages. Emphasizes the graphical capabilities of software, such as Mathematica, applied to problems in physics.
Credits 3
Prerequisites
MATH-120 or permission of instructor
Term Offered
May Term
Session Cycle
M

PHYS-218 : College Physics I

An algebra-based exploration of the concepts of motion, forces, energy, waves, heat, electricity, magnetism, optics, and modern physics. Three hours in class, one hour in recitation and two hours in lab per week. Offered alternate years: 2024-2025.
Credits 4
Prerequisites
MATH-120
Term Offered
Fall Only
Session Cycle
F

PHYS-219 : College Physics II

An algebra-based exploration of the concepts of motion, forces, energy, waves, heat, electricity, magnetism, optics, and modern physics. Three hours in class, one hour in recitation and two hours in lab per week. Offered alternate years: 2024-2025.
Credits 4
Prerequisites
PHYS-218
Term Offered
Spring Only
Session Cycle
S

PHYS-221 : General Physics I

During the first term: Kinematics, Newton's laws of motion, conservation laws, rotational motion, periodic motion, and fluid mechanics. During the second term: Thermodynamics, electricity, magnetism, optics and modern physics. A combination of lectures and learning by inquiry are employed. Computers are used for data acquisition, data analysis, and mathematical modeling. Three hours in class, one hour in recitation and two hours in lab per week.
Credits 4
Corequisites
MATH-130, MATH-131, or MATH-133;

OR concurrent enrollment in MATH-130, MATH-131, or MATH-133 respectively
Term Offered
Fall Only
Session Cycle
F

PHYS-222 : General Physics II

During the first term: Kinematics, Newton's laws of motion, conservation laws, rotational motion, periodic motion, and fluid mechanics. During the second term: Thermodynamics, electricity, magnetism, optics and modern physics. A combination of lectures and learning by inquiry are employed. Computers are used for data acquisition, data analysis, and mathematical modeling. Three hours in class, one hour in recitation and two hours in lab per week.
Credits 4
Prerequisites
PHYS-221, and one of the following MATH-130, MATH-132, MATH-133
Term Offered
Spring Only
Session Cycle
S

PHYS-450 : Special Topics

Devoted to a subject chosen from some field of physics in which regular courses are not offered. The course may be repeated for credit provided a different topic is covered.
Credits 3
Prerequisites
Permission of the instructor
Term Offered
Fall and Spring
Session Cycle
FS

PHYS-480X : Internship

Provides an opportunity for a student to gain field experience in an area related to the student's program of study or career goals. The learning objectives for internships include connecting academic knowledge and problem-solving processes to experiences and problems in professional settings. Supervision of an intern is provided by an appropriate faculty member and by a site supervisor of the agency or business in which the student is an intern. A student who wishes to engage in an internship must consult with the appropriate faculty member at least eight weeks in advance of the start of the term in which the internship is to be completed. A description of the internship, signed by the student and the faculty sponsor, must be filed with the director of internships by the first day of the semester prior to the start of the internship. Approval of each application for an internship is made by the director of internships based upon approved policies and guidelines. Internships are graded on an S or U basis. Students must complete 120 hours of internship-related work as well as weekly journal entries and a final reflective paper completed in accordance with approved requirements. A student may enroll in an internship program for 3 credits per semester, and internship credit may be earned in subsequent semesters subject to the limitations that no more than two internships may be pursued in any one agency or business and a maximum of 9 credits in internships may be applied toward graduation. FILA general education: experiential learning.
Credits 3
Prerequisites
FILA-150 or FILA-350EW, junior or senior standing, and a minimum 2.0 grade point average
Term Offered
All Terms
Session Cycle
A

PHYS-490 : Independent Study

Upon approval of the department and the division head, a student with a cumulative grade point average of 2.20 or better may engage in an independent study or research project. One desiring to pursue independent study or research must submit a written description of the proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. At the end of the semester, the supervising professor files with the registrar a grade for the student and a description of the work accomplished. Credit may be received for no more than three independent studies or research projects.
Credits 3
Prerequisites
Completed application submitted to registrar's office
Term Offered
All Terms
Session Cycle
A

PHYS-491 : Research

Upon approval of the department and the division head, a student with a cumulative grade point average of 2.20 or better may engage in an independent study or research project. One desiring to pursue independent study or research must submit a written description of the proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. At the end of the semester, the supervising professor files with the registrar a grade for the student and a description of the work accomplished. Credit may be received for not more than three independent studies or research projects.
Credits 3
Prerequisites
Completed application submitted to registrar's office
Term Offered
All Terms
Session Cycle
A

English

ENG-110 : Effective Writing

Introduction to academic expository and argumentative writing, with a focus on developing rhetorical skills and practices appropriate to a range of disciplines. Instruction in ethical use of material from sources and academic documentation systems. Supplementary writer's workshop required, based on placement. FILA general education: master core skills.
Credits 3
Term Offered
Fall and Spring
Session Cycle
FS

ENG-200 : Introduction to English Studies

An introductory methods course for the English majors and minors. Surveys a variety of rhetorical and critical theories, their terminology and their application to a variety of texts in different genres. Modes of writing for diverse audiences are also practiced.
Credits 3
Term Offered
Fall Only
Session Cycle
F

ENG-201 : English Literature: From the Anglo-Saxons to the 18th Century

Explores the development of English literature from its Anglo-Saxon beginnings through the 18th century. FILA general education: Literature.
Credits 3
Corequisites or Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Fall Only
Session Cycle
F

ENG-202 : English Literature: From the RomanticsTo the 21st Century

Explores the development of English literature from the Romantic movement to the present, including various multicultural perspectives from the former British colonies such as India, South Africa, Canada, and the Caribbean. FILA general education: Literature.
Credits 3
Corequisites or Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Spring Only
Session Cycle
S

ENG-203 : American Literature: From the ColonialPeriod Through the 19th Century

Explores the development of American literature from the Colonial period through late 19th century American Realism. Early African-American narratives, Transcendentalism, Realism, and Naturalism are examined. FILA general education: Literature.
Credits 3
Corequisites or Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Fall Only
Session Cycle
F

ENG-204 : American Literature: From Modernism toToday

Explores the development of American literature from the Modernist period to the present. Examines imagist poetry, existentialism, confessional poetry, postmodernism, the Beat movement, metafiction, and various multicultural perspectives. FILA general education: Literature.
Credits 3
Corequisites or Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Spring Only
Session Cycle
S

ENG-214 : Medieval Outlaws

An examination of medieval outlaw tales. Covers relatively well-known figures such as Robin Hood and William Wallace to lessor known figures such as Hereward and Eustache the Monk. Traces the outlaw tale as a genre and consider its enduring popularity. Also examines some historical documents in order to place each of the figures studied in context. Reading will be either in a modern English translation or in a highly-glossed Middle or Early Modern English version.
Credits 3
Term Offered
Spring Only
Session Cycle
S

ENG-215 : Science Fiction & Contemporary Issues

Examines science fiction from a variety of perspectives in both written and film media. Concentrates on defining characteristics of humanness: physically, mentally and spiritually. May include such topics as the role of a creator, evolutionary changes, and technological innovation, to discuss ethical responsibilities and limitations.
Credits 3
Prerequisites
ENG-110
Term Offered
Spring Only
Session Cycle
S

ENG-217 : Literary Heroes in Popular Culture

Examines characters invented first in books and periodicals but known popularly for their incarnations in other 20th century media. Characters covered are Sherlock Holmes, Tarzan, Zorro, and James Bond. Begins with original texts and moves to popular manifestations.
Credits 3
Prerequisites
ENG-110
Term Offered
May Term
Session Cycle
M

ENG-219 : Filming the Middle Ages

Examines the role of the Middle Ages in contemporary pop culture as expressed in films. Readings include selections from film and cultural theory as well as appropriate medieval historical and literary texts. Films might include works such as Bergman, The Seventh Seal, Bresson, The Messenger, Boorman, Excalibur, Fuqua, King Arthur, Gilliam and Jones, Monty Python and the Holy Grail, and Scott, Kingdom of Heaven.
Credits 3
Term Offered
Spring Only
Session Cycle
S

ENG-220 : American Folklife

Explores the role played by traditional American culture, including music, narrative, medicine, vernacular architecture, and folk art and craft. Much of the course will concentrate on the folk culture of the Shenandoah Valley. FILA general education: world cultures. Offered alternate years.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Fall Only
Session Cycle
F

ENG-221 : The Images of "folk" in Literature

Introduces students to the concept of folk groups and the ways they have been represented to mainstream cultures through the media of film and literature. Explores literature in conjunction with viewing of film and television depictions of "the folk" as well as documentary films made by folklorists. FILA general education: global dynamics. Offered alternate years.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Fall Only
Session Cycle
F

ENG-222 : American Lives

Studies a range of autobiographical writings in the context of America culture, focusing on individual lives as they intersect with U.S. social history and lived experience. Readings and other source materials vary.
Credits 3
Prerequisites
ENG-110
Term Offered
May Term
Session Cycle
M

ENG-224 : Introduction to American Studies

Introduces students to the elements of American culture in the interdisciplinary manner of American studies. After gaining an understanding of the academic field itself, students explore the variety of ways to consider American culture including methodological and genre-based approaches. FILA general education: world cultures.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Fall Only
Session Cycle
F

ENG-235 : Literature of Southern Africa

Examines representative literature of Namibia, Botswana, South Africa and Mozambique to assess historical, cultural, and literary importance, beginning with aboriginal expression, moving through the Colonial period and the struggle of apartheid to the present. FILA general education: world cultures.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
May Term
Session Cycle
M

ENG-237 : Contemporary Ukrainian Literature and Culture

An examination of contemporary Ukrainian writers such as Taras Shevchenko, Oksana Zabuzhko, Serhiy Zhadan, Yuri Andrukovich, and many others. The course also explores Ukrainian history, culture, and folklore, as well as the role of literature as a cultural voice and means of preservation for both native Ukrainians and the Ukrainian diaspora. Students will also research Ukrainian writers whose literature helped fuel current political conversations regarding the 2013 political revolutions in Ukraine. FILA general education: world cultures.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Spring Only
Session Cycle
S

ENG-243 : Native American Literature and Culture

Anthropological survey of Native North American and Meso-American cultures, examining features such as traditional subsistence patterns, kinship structures, religious beliefs and practices, social and political structures, artistic expression, and intellectual history. Focuses on the literary heritage of Native American cultures, beginning with the oral tradition and storytelling, and continuing on to the "Native American Renaissance", the proliferation of Native American authors and poets that began in the 1960s and continues to the present. FILA general education: world cultures. Offered alternate years.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Spring Only
Session Cycle
S

ENG-300 : Linguistics

Linguistic analysis incorporating traditional grammar, phonology, syntax, sociolinguistics, morphology semantics and historical linguistics (including the history of the English language).
Credits 3
Prerequisites
ENG-110
Term Offered
Fall Only
Session Cycle
F

ENG-317 / FREN-317 / SPAN-317 : ESL and World Language Teaching

Covers materials on instructional practice and student assessment as they relate to the teaching of English as a Second Language (ESL) and foreign languages. Material and discussions are focused on the central theme of how to contextualize language instruction and how to run a proficiency-oriented classroom. Taught in English. Required for students seeking ESL endorsement. Strongly recommended for students preparing to teach Spanish. (Cross-listed as FREN-317 and SPAN-317)
Credits 3
Prerequisites
ENG-110
Term Offered
Fall Only
Session Cycle
F

ENG-322X : Interpreting the Built Environment

This course introduces students to methods of interpreting the cultural significance of their surrounding landscapes. Readings and lectures draw on architectural history, cultural geography, environmental studies, history, and other relevant fields. Successful completion requires field trips to local and regional sites. FILA general education: experiential learning.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
May Term
Session Cycle
M

ENG-323X : International Culture Analysis

This course examines significant similarities and differences between the cultures of the United States and a variety of international cultures. Students explore differences in media, foodways, music and theater, folk and popular culture, and museums. The class meets for approximately a week on the Bridgewater campus prior to traveling to several locations throughout the world. Cities that may be toured include: Berlin, London, Munich, Paris, and Prague (exact cities to be visited are selected each year). Additional costs associated with travel. FILA general education: world cultures and experiential learning.
Credits 3
Prerequisites
FILA-150 or FILA-350EW
Term Offered
May Term
Session Cycle
M

ENG-324 : American Cultural History

A survey of the beliefs and ideas that have shaped American culture from the colonial period to the present. Topics covered may include the rise of consumer culture, cultural attitudes toward the arts, the significance of race and gender in American culture, and the effect of American cultural and political attitudes on the landscape. While gaining knowledge of the United States' cultural past students will acquire an understanding of culture's role in the present state of the nation and the United States' international roles. FILA general education: world cultures.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Spring Only
Session Cycle
S

ENG-327W / REL-327W : Bible Themes in Literature

A study of literature inspired by the Bible. The focus is on reading and writing about how religious ideas are expressed in literature, how authors use specific biblical stories in their novels, and how various authors may vary in their retellings of the same story. FILA general education: literature and writing intensive. Offered alternate years. (Cross-listed as REL-327W)
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Spring Only
Session Cycle
S

ENG-330 : Shakespeare

Critical examination of Shakespeare's development as a dramatist and of his basic themes. Approximately 12 plays are studied. FILA general education: literature.
Credits 3
Prerequisites
ENG-110
Term Offered
Fall Only
Session Cycle
F

ENG-332W : Arthurian Literature

Examines the effect of the legends of King Arthur and his knights, showing such ideas as the Holy Grail and the code of chivalry in modern retellings and appropriations of the medieval sources. An acquaintance with Malory's Morte D' Arthur is expected. FILA general education: literature and writing intensive.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Spring Only
Session Cycle
S

ENG-334W / GER-334W : German Literature in Translation

Study of German-language fiction, non-fiction, drama, and poetry. Additionally, students will gain knowledge of Germanic political, cultural, and literary histories. FILA general education: literature and writing intensive. (Cross-listed as GER-334W)
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Fall Only
Session Cycle
F

ENG-335W / FREN-335W : French Literature in Translation

Selected readings of the fiction, drama, poetry, and non-fiction prose of French literature. Includes study of French political and cultural history as a way to examine recurring themes, innovation, and movements in literature. FILA general education: literature and writing intensive. (Cross-listed as FREN-335W)
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Spring Only
Session Cycle
S

ENG-336 : Black Literature

Selected readings in the fiction, drama, poetry and non-fiction prose of major black writers, both African and African-American. Influential authors may include Douglass, Wright, Ellison, Achebe, Baldwin, and Morrison. FILA general education: literature.
Credits 3
Prerequisites
ENG-110
Term Offered
Fall Only
Session Cycle
F

ENG-337W : Asian American Literature

Through close reading and discussion of poetry, short fiction, and the novel students will approach an understanding of what it means to categorize these texts as "Asian American literature." The course explores what connections and discontinuities people of Asian ancestry encounter while living in the United States and asks how gender, sexuality, and class inflect representations of Asian American identity. Representative authors include Chang Rae-Lee, Aimee Nezhukumatithil, Brian Komei Dempster, Li Young Lee, Jhumpa Lahiri, and Ocean Vuong. FILA general education: literature and writing intensive.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Spring Only
Session Cycle
S

ENG-341 : Mythology and Classical Literature

Examination of Greek myth, especially of mythological ideas and figures that have had great influence on literature and thought, and of selected Greek and Roman classics. Readings may include selections from Homer, Greek drama, Plato, Lucretius, Virgil, and St. Augustine. FILA general education: literature.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Fall Only
Session Cycle
F

ENG-342 : Medieval Literature From Beowulf to Dante

Study of several of the major works of medieval literature, including epic, Arthurian romance; religious lyric and drama; biography; and satire, with special attention to themes such as adventure, courtly love, and self-discovery. FILA general education: literature.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Spring Only
Session Cycle
S

ENG-343 : Literature of Renaissance & the Enlightenment

Readings in the Renaissance epic, in early prose narrative, and in drama, lyric, and other major literary forms. May include works by Machiavelli, Milton, Thomas More, Shakespeare, Moliere, Swift and Voltaire. FILA general education: literature.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Fall Only
Session Cycle
F

ENG-344 : Literature of Romanticism & Realism

Study of literature during the late 18th and 19th centuries. Explores the development of Romanticism and realism in American, English, and other western European literatures such as German, Russian, and French. Includes fiction, poetry, and drama by authors such as Blake, Wordsworth, Goethe, Pushkin, Dickens, Austen, G. Eliot, the Brontes, Dostoevsky, Chekhov, Poe, Melville, Twain, James, Ibsen, and Flaubert. FILA general education: literature.
Credits 3
Prerequisites
ENG-110
Term Offered
Spring Only
Session Cycle
S

ENG-345W : Literature for Children

Development and analysis of the major types of children's literature are addressed, including picture books, poetry, fables, folktales, fantasy, realism, and historical fiction. Students read and analyze classic examples of each type. FILA general education: literature and writing intensive.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Fall and Spring
Session Cycle
FS

ENG-350 : Literature for Young Adults

Reading and critical response to a range of fiction, nonfiction, and poetry written for a middle school through high school audience or considered suitable reading for this audience. FILA general education: literature.
Credits 3
Prerequisites
ENG-110
Term Offered
Spring Only
Session Cycle
S

ENG-360W / THEA-360W : Modern Drama

Examination of theatrical literature and forms from the late 19th century well-made plays, Realism, Expressionism, Futurism and Symbolism, to Epic theatre and the Theatre of the Absurd. Playwrights such as Henrik Ibsen, Bernard Shaw, Anton Chekhov, Eugene O'Neill, Bertolt Brecht, Samuel Beckett, and others will be studied. The goals of this course are for students to gain an understanding of the scope, history, techniques and influence of Modern Drama. FILA general education: literature and writing intensive. Offered alternate years. (Cross-listed as THEA-360W)
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Fall Only
Session Cycle
F

ENG-362W / THEA-362W : Contemporary Drama

Contemporary theatrical forms of American and British drama. Begins with post-World War II dramatic works and moves sequentially to the present day. Areas of attention include the "angry young men," metadrama, gender race and ethnicity, the "new brutalism," and contemporary docudrama. Particular focus on how play texts engage with the cultural and historical moment of their creation. Students gain an understanding of the scope, history, techniques and influence of contemporary drama. Playwrights such as John Osborne, Edward Albee, Eduard Bond, Jose Rivera, Martin McDonagh, Tony Kushner, Sarah Kane, Suzan Lori-Parks, Nilo Cruz, Moises Kaufman, Sarah Ruhl and others are studied. FILA general education: literature and writing intensive. Offered alternate years. (Cross-listed as THEA-362W)
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Spring Only
Session Cycle
S

ENG-364 : Studies in Short Fiction

Study of the development of the short story as a distinctive literary form with focus will be on the genre's history, techniques, and conventions, giving emphasis to 19th and 20th century authors from various national literatures who have had a particular impact on the form's development. FILA general education: literature.
Credits 3
Prerequisites
ENG-110
Term Offered
Fall Only
Session Cycle
F

ENG-365 / THEA-365 : Studies in Drama

Study of the development of drama as a distinctive literary form focusing on the genre's history, techniques, and conventions. FILA general education: Literature. (Cross-listed as THEA-365)
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Fall Or Spring
Session Cycle
FOS

ENG-366 : Studies Novel

Study of the development of the novel as a distinctive literary form with emphasis on different techniques, conventions and themes of the genre exemplified by representative works chosen from American, British, and other national literatures. FILA general education: literature.
Credits 3
Prerequisites
ENG-110
Term Offered
Spring Only
Session Cycle
S

ENG-367 : Special Topic in a Literary Genre

Critical examination of a literary genre not covered in regular course offerings or an in-depth examination of a subgenre. May take more than once for credit if the literary genre is different each time. Focus will be on the genre's history, techniques, and conventions. Genres may include epic, the sonnet, graphic novels, or memoir. FILA general education: Literature.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Spring Only
Session Cycle
S

ENG-368 : Studies Poetry

Study of the development of poetry as a distinctive literary form with emphasis on the techniques, conventions and themes of the genre exemplified by representative works chosen from American, British and other national literatures. FILA general education: literature.
Credits 3
Prerequisites
ENG-110
Term Offered
Spring Only
Session Cycle
S

ENG-390 : Southern Literature

Study of the literature and culture of the southern United States from the 19th century to the present. Explores the cultural development of the region and the influence of the historical context including slavery, reconstruction, economic depression, and the Civil Rights movement. Writers studied may include Mark Twain, William Faulkner, Eudora Welty, Zora Neale Hurston, James Dickey, Flannery O'Connor, Walker Percy, Alice Walker, Cormac McCarthy and Larry Brown. FILA general education: literature. Offered alternate years.

Credits 3

Prerequisites

ENG-110

Term Offered

Spring Only

Session Cycle

S

ENG-400 : Seminar in a Major Literary Figure

Critical examination of the life and writing of a major figure from American, British, or world literature. May take more than once for credit if the featured literary figure is different each time. Figures may include Dante, Geoffrey Chaucer, John Milton, Jane Austen, Mark Twain, Henrik Ibsen, William Butler Yeats, James Joyce, Virginia Woolf or William Faulkner. FILA general education: literature.

Credits 3

Prerequisites

ENG-110

Term Offered

Spring Only

Session Cycle

S

ENG-460 / PWR-460 : Senior Capstone Experience

Capstone experience for ENG and PWR majors. Students will complete semester-long research and writing projects and prepare a portfolio of their work in the major. Students will also prepare materials for job or graduate school applications. (Cross-listed as PWR-460)

Credits 3

Prerequisites

ENG-200 or PWR-201 or permission of instructor

Term Offered

Spring Only

Session Cycle

S

ENG-480X : Internship

Provides an opportunity for a student to gain field experience in an area related to the student's program of study or career goals. The learning objectives for internships include connecting academic knowledge and problem-solving processes to experiences and problems in professional settings. Supervision of an intern is provided by an appropriate faculty member and by a site supervisor of the agency or business in which the student is an intern. A student who wishes to engage in an internship must consult with the appropriate faculty member at least eight weeks in advance of the start of the term in which the internship is to be completed. A description of the internship, signed by the student and the faculty sponsor, must be filed with the director of internships by the first day of the semester prior to the start of the internship. Approval of each application for an internship is made by the director of internships based upon approved policies and guidelines. Internships are graded on an S or U basis. Students must complete 120 hours of internship-related work as well as weekly journal entries and a final reflective paper completed in accordance with approved requirements. A student may enroll in an internship program for 3 credits per semester, and internship credit may be earned in subsequent semesters subject to the limitations that no more than two internships may be pursued in any one agency or business and a maximum of 9 credits in internships may be applied toward graduation. FILA general education: experiential learning.

Credits 3

Prerequisites

FILA-150 or FILA-350EW, junior or senior standing, and a minimum 2.0 grade point average

Term Offered

All Terms

Session Cycle

A

ENG-490 : Independent Study

Upon approval of the department and the division head, a student with a cumulative grade point average of 2.20 or better may engage in an independent study or research project. One desiring to pursue independent study or research must submit a written description of the proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. At the end of the semester, the supervising professor files with the registrar a grade for the student and a description of the work accomplished. Credit may be received for no more than three independent studies or research projects.

Credits 3

Prerequisites

Completed application submitted to registrar's office

Term Offered

All Terms

Session Cycle

A

ENG-491 : Research

Upon approval of the department and the division head, a student with a cumulative grade point average of 2.20 or better may engage in an independent study or research project. One desiring to pursue independent study or research must submit a written description of the proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. At the end of the semester, the supervising professor files with the registrar a grade for the student and a description of the work accomplished. Credit may be received for not more than three independent studies or research projects.
Credits 3
Prerequisites
Completed application submitted to registrar's office
Term Offered
All Terms
Session Cycle
A

ENG-499 : Honors Project

An honors project is one in which a student researches a subject, by examination of relevant literature or by experimentation or both; the student reports the results in an accurately documented and well-written paper or appropriate representation of the work. Whenever the study deals with the subject of an established course, the student is expected to go well beyond the usual work of the course in research and in assimilation of the results as revealed in the report. Juniors and seniors with a cumulative grade point average of 3.40 or above may register for an honors project. One desiring to pursue an honors project must submit a written description of his or her proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. Upon the completion of the honors project, the student must present an oral defense of his or her project. The final grade must include a satisfactory performance on the oral defense, assessed by a three-faculty member team. The project advisor will authorize the make-up of the oral defense team and will assign the final grade on the project. The honors project title will be noted on the student's transcript. It is the student's responsibility to provide a copy of the written paper or appropriate representation of the work to the library in compliance with specifications approved by the Council on Education. The library director arranges for binding and storage.
Credits 3
Prerequisites
Completed application submitted to registrar's office
Term Offered
All Terms
Session Cycle
A

PWR-115 : Writing Center

Students will be introduced to theory and practice of writing center tutoring. Topics to be covered include guidelines for peer tutoring; intervention at various points in the writing process; introduction to several style guides; grammar review; tutoring students with special needs. Students will practice tutoring through role-playing in class and will be expected to complete several tutorials in the Writing Center. May be repeated for a total of three times, with different readings and more advanced exploration of the topics.
Credits 1
Prerequisites
Permission of instructor required
Term Offered
Fall and Spring
Session Cycle
FS

PWR-131 / COMM-131 : News Practicum

Skills-and-theory class that applies critical thinking to discuss and solve practical problems in news media production. Prepares students for the convergence of media, providing practical experience in multiplatform media writing and production, including print, radio, TV and web journalism. Work includes approximately three hours outside the class and one hour inside each week. May be repeated for credit. (Cross-listed as COMM-131)
Credits 1
Term Offered
Fall and Spring
Session Cycle
FS

PWR-131X / COMM-131X : News Practicum

Skills-and-theory class that applies critical thinking to discuss and solve practical problems in news media production. Prepares students for the convergence of media experience in multi-platform media writing and production including print, radio, TV and web journalism. Work includes approximately three hours outside the class and one hour inside each week. FILA general education: experiential learning. (Cross-listed as COMM-131X)
Credits 1
Prerequisites
FILA-150 or FILA-350EW; 2 credits earned in COMM-131 or PWR-131
Term Offered
Fall and Spring
Session Cycle
FS

PWR-201 : Introduction to Professional Writing

Introduces students to a range of rhetorical principles and practices in professional genres that they will explore in future coursework and in their careers.
Credits 3
Prerequisites
ENG-110
Term Offered
Fall Only
Session Cycle
F

PWR-225X : Travel Writing

Explores published works from various genres on the cultures and natural environments of variable destinations, which provide the bases for students' original works in several modes of travel writing, including memoir, travelogue and creative nonfiction. FILA general education: world cultures and experiential learning.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
May Term
Session Cycle
M

PWR-227W : Food Writing

A writing workshop dedicated to writing about food. Topics covered include food blogs, restaurant reviews, experiences with trying new foods, recipes, experiences with food preparation and meal experiences. Literary selections and film depictions of food writing are also discussed. Expenses for incidentals such as restaurant visits are the responsibility of each student. FILA general education: writing intensive.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Spring Only
Session Cycle
S

PWR-255W / COMM-255W : Introduction to News Writing

Teaches students the basic skills of researching, investigating and writing in a variety of formats. Emphasis on identification of the writing structures used by contemporary media writers and utilization of these structures in original pieces researched and written by the students. FILA general education: writing intensive. (Cross-listed as COMM-255W)
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Fall Only
Session Cycle
F

PWR-275 : Grammar, Style & Editing

Overview of what is traditionally called grammar, including syntax, mechanics, style, punctuation, spelling, vocabulary-building and proofreading for teaching writing at the elementary and secondary levels as well as for publication at a professional level. Develops competency in creation, analysis and editing of written English.
Credits 3
Prerequisites
ENG-110
Term Offered
Spring Only
Session Cycle
S

PWR-305 / COMM-305 : Multimedia Reporting & Writing

Builds on the skills-oriented approach of COMM/PWR-255W by putting theory behind the practice of writing. Through individual and group writing projects, students work toward understanding the increasingly complex definition of news, its blurring line with entertainment, and the dynamic interplay between technologies and audiences. Offered alternate years. (Cross-listed as COMM-305)
Credits 3
Prerequisites
COMM-255W or PWR-255W; permission of instructor
Term Offered
Fall Only
Session Cycle
F

PWR-311 : Creative Writing

Intensive workshop providing an opportunity to gain deeper insight into literary techniques and practices through the production of original short and longer works of fiction, poetry and drama, as well as creative expository forms. Students develop a single, but substantial, literary project unified by a common theme or themes. Group workshops and individual conferences provide extensive feedback and critical response as the student progresses through the project.
Credits 3
Prerequisites
ENG-110
Term Offered
Fall Only
Session Cycle
F

PWR-312W : Technical Writing

Advanced writing course in composing reports, proposals, instructions, brochures, digital information and other technical documents. Principles of document design, strategies for incorporating graphic elements into texts and methods of editing are also emphasized. FILA general education: writing intensive.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Spring Only
Session Cycle
S

PWR-313W : Writing for Business

Explores analytical and practical skills in a range of business genres, including memos, letters, proposals and collaborative reports. FILA general education: writing intensive.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Spring Only
Session Cycle
S

PWR-315 : Teaching Writing

Introduction to writing instruction for prospective teachers and writing center tutors from all disciplines. Incorporates current theoretical perspectives, applied linguistics and research on the writing process to introduce classroom practices such as one-to-one conferencing, the writing workshop approach and teaching in computer classrooms.
Credits 3
Prerequisites
ENG-110
Term Offered
Spring Only
Session Cycle
S

PWR-318W : Writing for Visual Media

Studies the nature of writing as it is shaped by digital technologies, including desktop publishing, document design and electronic portfolios. Implications of these media for writing in both theory and practice are emphasized. FILA general education: writing intensive.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Fall Or Spring
Session Cycle
FOS

PWR-319 : Publishing and Marketing

Surveys industry processes, including manuscript acquisition, editing, design, distribution, promotion and sales.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Spring Only
Session Cycle
S

PWR-322 : Advanced Creative Writing

Advanced workshop providing an opportunity to demonstrate literary techniques and practices through the production of original short and longer works of fiction, poetry and drama, as well as creative expository forms. Students develop a single, but substantial, literary project, defined by means of a contract with the instructor and unified by a common theme or themes. Advanced workshop students also lead group workshop discussions, providing and receiving extensive feedback and critical response as class members' progress through their projects. Advanced students also explore the publishing market appropriate to their work and make a serious effort to secure publication in some form.
Credits 3
Prerequisites
ENG-110; PWR-311
Term Offered
Fall Only
Session Cycle
F

PWR-324 : Special Topics in Writing

Covers topics pertaining to writing in twenty-first-century modes and environments. Study of models and theoretical approaches combined with practical experiences enable students to develop written expression in the focus area. May take more than once for credit if the topic is different each time. Possible topics include creative nonfiction, science and nature writing, sports writing, humor writing, biography.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Fall Only
Session Cycle
F

PWR-325WX : Special Topics in Public Writing

This course explores theories and practices of writing that serve a public interest. Study and production of models and theoretical approaches combined with intentional community engagement enables students to develop and share written expression in the focus area. May be taken more than once for credit if the topic is different each time. Possible topics include augmented reality writing, writing for nonprofits, writing for a cause (safety, health, political activism, the environment, animal rights, the arts, etc.) Depending on the topic, students will develop writing projects with non-profits, businesses, and other groups in the community. FILA general education: writing intensive and experiential learning.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
May Term
Session Cycle
M

PWR-460 / ENG-460 : Senior Capstone Experience

Capstone experience for ENG and PWR majors. Students will complete semester-long research and writing projects and prepare a portfolio of their work in the major. Students will also prepare materials for job or graduate school applications. (Cross-listed as ENG-460)
Credits 3
Prerequisites
ENG-200 or PWR-201 or permission of instructor
Term Offered
Spring Only
Session Cycle
S

PWR-480X : Internship

Provides an opportunity for a student to gain field experience in an area related to the student's program of study or career goals. The learning objectives for internships include connecting academic knowledge and problem-solving processes to experiences and problems in professional settings. Supervision of an intern is provided by an appropriate faculty member and by a site supervisor of the agency or business in which the student is an intern. A student who wishes to engage in an internship must consult with the appropriate faculty member at least eight weeks in advance of the start of the term in which the internship is to be completed. A description of the internship, signed by the student and the faculty sponsor, must be filed with the director of internships by the first day of the semester prior to the start of the internship. Approval of each application for an internship is made by the director of internships based upon approved policies and guidelines. Internships are graded on an S or U basis. Students must complete 120 hours of internship-related work as well as weekly journal entries and a final reflective paper completed in accordance with approved requirements. A student may enroll in an internship program for 3 credits per semester, and internship credit may be earned in subsequent semesters subject to the limitations that no more than two internships may be pursued in any one agency or business and a maximum of 9 credits in internships may be applied toward graduation. FILA general education: experiential learning.
Credits 3
Prerequisites
FILA-150 or FILA-350EW, junior or senior standing, and a minimum 2.0 grade point average
Term Offered
All Terms
Session Cycle
A

PWR-490 : Independent Study

Upon approval of the department and the division head, a student with a cumulative grade point average of 2.20 or better may engage in an independent study or research project. One desiring to pursue independent study or research must submit a written description of the proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. At the end of the semester, the supervising professor files with the registrar a grade for the student and a description of the work accomplished. Credit may be received for no more than three independent studies or research projects.
Credits 3
Prerequisites
Completed application submitted to registrar's office
Term Offered
All Terms
Session Cycle
A

PWR-491 : Research

Upon approval of the department and the division head, a student with a cumulative grade point average of 2.20 or better may engage in an independent study or research project. One desiring to pursue independent study or research must submit a written description of the proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. At the end of the semester, the supervising professor files with the registrar a grade for the student and a description of the work accomplished. Credit may be received for not more than three independent studies or research projects.

Credits 3

Prerequisites

Completed application submitted to registrar's office

Term Offered

All Terms

Session Cycle

A

PWR-499 : Honors Project

An honors project is one in which a student researches a subject, by examination of relevant literature or by experimentation or both; the student reports the results in an accurately documented and well-written paper or appropriate representation of the work. Whenever the study deals with the subject of an established course, the student is expected to go well beyond the usual work of the course in research and in assimilation of the results as revealed in the report. Juniors and seniors with a cumulative grade point average of 3.40 or above may register for an honors project. One desiring to pursue an honors project must submit a written description of his or her proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. Upon the completion of the honors project, the student must present an oral defense of his or her project. The final grade must include a satisfactory performance on the oral defense, assessed by a three-faculty member team. The project advisor will authorize the make-up of the oral defense team and will assign the final grade on the project. The honors project title will be noted on the student's transcript. It is the student's responsibility to provide a copy of the written paper or appropriate representation of the work to the library in compliance with specifications approved by the Council on Education. The library director arranges for binding and storage.

Credits 3

Prerequisites

Completed application submitted to registrar's office

Term Offered

All Terms

Session Cycle

A

FILA: General Education Curriculum

FILA-150 : FILA Seminar

Taught in the style of a seminar; a small group of students learn thinking skills through discussion, debate, peer review and brainstorming. Content varies from section to section. Incoming students select topic preferences and then are assigned to a section. Focuses specifically on two key areas of personal development: (1) intellectual growth is stimulated through systematic critical questioning, and (2) a sense of community involvement and responsibility is developed through classroom group work, collaborative learning and a class community engagement project. The course also contains success skill exercises and college orientation information, including an introduction to the portfolio program. FILA general education: master core skills.

Credits 3

Term Offered

Fall and Spring

Session Cycle

FS

FILA-350EW : FILA Integration Seminar

Introduction to the academic community of Bridgewater College, the liberal arts and the skills of critical thinking, ethical reasoning and writing specifically designed for transfer students. Taught in the style of a seminar: a small group of students engage in public discourse, peer review and reflective writing. Content varies from section to section. Focuses specifically on three key areas: (1) critical thinking skills are developed, including skills of civil discourse, perspective taking, public reasoning (i.e. rules of logic, evidence and fallacies) and self/ community-authorship, (2) ethical reasoning skills are developed through learning, applying and critiquing a variety of ethical perspectives, and 3) writing skills are developed through reflective writing, peer review, revision and editing. The course also contains success skill exercises, college orientation information and a community engagement project. Students who have completed FILA-150 or FILA-150H may not enroll in FILA-350EW. FILA general education: master core skills, ethical reasoning & writing intensive.

Credits 3

Corequisites or Prerequisites

ENG-110

Term Offered

Fall and Spring

Session Cycle

FS

FILA-450 : Personal Development Portfolio

Students create a senior e-portfolio, which demonstrates and documents their experiences and growth over the four years, integrating both curricular and co-curricular experiences, as well as experiential learning experiences, and discussing short- and long-term goals and aspirations for the future. A passing grade, as determined by faculty evaluators from a variety of disciplines, is a requirement for graduation. FILA general education: integration of skills and ideas.
Credits 1
Term Offered
Fall and Spring
Session Cycle
FS

Health & Human Sciences

ES-105 : Wellness

Examination of the principles of wellness and encouraging the lifelong practice of wellness habits. Emphasis on personal assessment, behavioral change, information literacy and lifetime applications.
Credits 2
Term Offered
Fall and Spring
Session Cycle
FS

ES-120 : Bowling

FILA general education: ES activity.
Credits 1
Term Offered
Fall and Spring
Session Cycle
FS

ES-123 : Ballet

FILA general education: ES activity.
Credits 1
Term Offered
Fall and Spring
Session Cycle
FS

ES-126 : Group Fitness

FILA general education: ES activity.
Credits 1
Term Offered
Fall and Spring
Session Cycle
FS

ES-131 : Lacrosse

Women's Lacrosse is a non-contact field sport which uses sticks to carry and propel the ball. This course, intended for beginners, will introduce students to: 1) basic skills such as cradling, throwing and catching; 2) basic strategy; 3) game rules; and 4) the history, culture and development of the sport. This course is open to both men and women. All necessary playing and safety equipment will be provided. FILA general education: ES activity.
Credits 1
Term Offered
Fall Only
Session Cycle
F

ES-135 : Golf

FILA general education: ES activity. B-Rec Card must be purchased from the town of Bridgewater prior to the start of class.
Credits 1
Term Offered
Fall and Spring
Session Cycle
FS

ES-141 : Yoga

An introduction to hatha yoga, a traditional system of exercise that combines concentration, relaxation, and mind-body integration with endurance, balance and flexibility. FILA general education: ES activity.
Credits 1
Term Offered
Fall and Spring
Session Cycle
FS

ES-145 : Handball-Racquetball

FILA general education: ES activity.
Credits 1
Term Offered
Spring Only
Session Cycle
S

ES-152 : Snow Skiing

FILA general education: ES activity.
Credits 1
Term Offered
Spring Only
Session Cycle
S

ES-155 : Snowboarding

FILA general education: ES activity.
Credits 1
Term Offered
Spring Only
Session Cycle
S

ES-162 : Swimming

FILA general education: ES activity.
Credits 1
Term Offered
Fall and Spring
Session Cycle
FS

ES-163 : Aqua Aerobics

FILA general education: ES activity.
Credits 1
Term Offered
Fall and Spring
Session Cycle
FS

ES-165 : Tennis

FILA general education: ES activity.
Credits 1
Term Offered
Fall and Spring
Session Cycle
FS

ES-170 : Introduction to Hiking

Designed to help students learn about and participate in hiking to improve quality of life and promote lifelong physical fitness. This course delivers basic instruction of fundamental skills necessary for safe, low-impact hiking. This includes effective selection of clothing, routes, equipment, and nutrition. FILA general education: ES activity.
Credits 1
Term Offered
Fall and Spring
Session Cycle
FS

ES-175 : Conditioning and Weight Training

FILA general education: ES activity.
Credits 1
Term Offered
Fall and Spring
Session Cycle
FS

ES-177 : Fitness-Jogging

FILA general education: ES activity.
Credits 1
Term Offered
Fall and Spring
Session Cycle
FS

ES-180 : Exercise Exploration

FILA general education: ES activity.
Credits 1
Term Offered
Spring Only
Session Cycle
S

ES-186 : Swordsmanship

This course introduces students to the use of the medieval longsword as taught by the German and Italian fechtmeister (fight or fencing masters) in the 14th and 15th centuries. Instruction will encompass fundamentals (stance, footwork, focus, initiative, etc.), principles of attack and defense and advanced techniques ("windings," close-quarter play, half-sword techniques). The chivalric attitudes of honor and courtesy will be emphasized in partner drills throughout the course. The evolution of swords and armor during that period will also be discussed. FILA general education: ES activity.
Credits 1
Term Offered
Fall Only
Session Cycle
F

ES-189 : Ultimate Frisbee

This course will introduce students to Ultimate Frisbee, a growing sport that combines many aspects of football, soccer and basketball. Instruction will include rules of the game, development of individual skills (throwing, catching and defensive technique) and team strategy. Students will participate in small-scale drills that develop individual technique and team strategy, as well as team game play. FILA general education: ES activity.
Credits 1
Term Offered
Fall Only
Session Cycle
F

ES-190 : Tai Chi

Tai Chi is a centuries-old martial art that today is practiced as a graceful form of exercise. It involves a series of movements (postures) performed in a slow, focused manner and accompanied by deep breathing. The movements are gentle emphasizing mental focus, breathing, and relaxation and Tai Chi can improve balance and stability, reduce stress and anxiety, and improve focus and attention. This class offers an introduction to 18 posture Yang style Tai Chi. FILA general education: ES activity.
Credits 1
Term Offered
Spring Only
Session Cycle
S

ES-207 : First Respondent First Aid and Emergency Care

Emergency care training for those who are likely to be the first person responding to the scene of an accident, fire or medical emergency.
Credits 3
Term Offered
Fall Only
Session Cycle
F

ES-210 : Group Fitness Instruction

Designed for students to learn and apply the practical skills of group fitness instruction. The coursework will be centered around the skills and abilities necessary to obtain an NCCA accredited group fitness certification and successfully lead group fitness classes.
Credits 3
Term Offered
Spring Only
Session Cycle
S

ES-215 : Research Methods

Introduction to research process including formulating research questions, research methods, general statistical, evaluation, presentation, and research ethics.
Credits 3
Recommended Prerequisites
MATH-140
Term Offered
Fall and Spring
Session Cycle
FS

ES-225 : Team Sports and Activities

Introduces students to the fundamental skills and concepts involved in team sports. Through a tactical games approach, students will develop skill technique and tactical awareness to successfully participate in a variety of team sports, including but not limited to basketball, soccer, and volleyball.
Credits 3
Term Offered
Spring Only
Session Cycle
S

ES-230 : Introduction to Health and Exercise Science

Exploration of contemporary issues in the field of health and exercise science including exposure to a variety of career opportunities, some of which include athletic training, exercise physiology, fitness, physical therapy, occupational therapy and recreation.
Credits 3
Term Offered
Fall and Spring
Session Cycle
FS

ES-235 : Introduction to Teaching Physical Education

Survey exploration for freshman and sophomores interested in the Health and Physical Education major. Observational experiences in each level of physical education teaching. Concepts include philosophy of physical education, behavior management, establishing a positive learning environment, advocacy, and differentiating instruction. The course includes field visits to local schools.
Credits 3
Term Offered
Spring Only
Session Cycle
S

ES-240 : Introduction to Coaching

Introduction to the coaching profession. Examination of areas such as developing an athlete-centered philosophy, teaching positive values and facilitating social and emotional growth through sport, physical training basics, the role of nutrition in athletic performance, accurate information about drugs and supplements, effective communication skills and motivational techniques, organizing practices and creating practice plans, and generating program and coach evaluations.
Credits 3
Term Offered
Fall and Spring
Session Cycle
FS

ES-249 : Foundation of Human Nutrition

Exploration of foundational nutritional concepts and needs throughout the life cycle from pregnancy through senior adults including athletic/fitness and special populations. Topics include how nutrition can influence health, prevent disease, manage body composition, and improve exercise performance. An emphasis will be placed upon incorporating evidence based practice as it relates to current nutrition issues.
Credits 3
Term Offered
Fall and Spring
Session Cycle
FS

ES-255 : First Aid/CPR/AED Instructor

A first aid/CPR/AED course that provides basic and instructor level knowledge and skills needed to give immediate care to an injured or ill person. The course helps students recognize and respond appropriately to cardiac, breathing and first aid emergencies. The first aid/CPR/AED program in this course offer a variety of combination to meet the various training needs of a diverse audience.
Credits 3
Term Offered
Spring Only
Session Cycle
S

ES-260 : First Aid and Safety

Fundamentals of administering first aid in all its aspects with attention to the prevention and treatment of athletic injuries. Emphasis on general safety procedures surrounding activities of school, college, and community environments.
Credits 3
Term Offered
Fall and Spring
Session Cycle
FS

ES-300X : Personal and Community Health

Examination of the multiple determinants of health and wellness from a personal and community perspective. Through service-based learning experiences, students critically analyze individual, social and environmental factors that influence health. This course requires students to spend time off-campus serving at community agencies in order to successfully fulfill course requirements. FILA general education: experiential learning.
Credits 3
Prerequisites
ENG-110; ES-230; or permission of the instructor
Term Offered
Fall and Spring
Session Cycle
FS

ES-303 : Topics and Concepts in School Health

This is a survey course, which examines a variety of personal and community health and wellness topics. Students will gain the content knowledge and understanding of health topics and develop health literacy skills that will prepare them to teach school health aligned with the National Health Education Standards and the Virginia Standards of Learning.
Credits 3
Term Offered
Fall Only
Session Cycle
F

ES-310 : Lifetime Activities in Physical Education

Performance and teaching techniques for gymnastics, rhythms, dance, cooperative activities, and outdoor education, with a focus on pedagogical issues.
Credits 3
Prerequisites
ES-235 or permission of instructor
Term Offered
Fall Only
Session Cycle
F

ES-318 : Human Anatomy & Physiology

Introduction to human structures and physiological systems, which are fundamental to human activity. Systems covered include musculoskeletal, respiratory, cardiovascular and nervous with particular attention to the integration of function across systems. Students needing a laboratory-based course should take BIOL-305: Introduction to Human Anatomy and BIOL-314: Human Physiology as an alternative.
Credits 3
Term Offered
Fall Only
Session Cycle
F

ES-320 : Kinesiology

Examination of the function of the human musculoskeletal system. Selected musculoskeletal structures and their functions, as well as analysis of movements as they relate to physical activity, exercise and sport.
Credits 3
Prerequisites
BIOL-305 or ES-318
Term Offered
Fall and Spring
Session Cycle
FS

ES-325 : Principles of Health & Physical Fitness Assessment

Practical experience in evaluation of physical fitness and its application to the implementation of safe and effective exercise training programs.
Credits 3
Term Offered
Fall and Spring
Session Cycle
FS

ES-329 : Practicum in Health & Exercise Science

Practicum experience consistent with the career objectives of the student. One hundred hours of competency-based work in an environment relevant to the student's chosen career.
Credits 2
Prerequisites
Junior standing
Term Offered
All Terms
Session Cycle
A

ES-335 : Physiology of Exercise

Basic physiological concepts of the nervous, muscular and energy systems, including the effect of exercise on such functions as circulation, respiration and temperature regulation.
Credits 3
Prerequisites
BIOL-305 and BIOL-314; or ES-318; or with instructor permission
Term Offered
Fall and Spring
Session Cycle
FS

ES-340 : Teaching Methods for School Health

Administration of school health and exercise science programs, including health instruction, environmental services and curriculum content. Methods and materials used in teaching health and exercise science as well as experiences in unit structure and application are covered.
Credits 3
Prerequisites
ES-300X or ES-303
Term Offered
Spring Only
Session Cycle
S

ES-342 : Foundations of Strength & Conditioning

Preparation in scientifically sound principles of conditioning in professional settings including in-depth study of strength training, speed development, cardiovascular training, flexibility training and exercise program design. Principles and concepts derived from physiology, psychology, anatomy and kinesiology are practically applied. Application of principles of training to all populations including those with special needs and athletes.
Credits 3
Prerequisites
ES-320
Term Offered
Fall and Spring
Session Cycle
FS

ES-345 : Motor Behavior

Examination of human movement from the perspectives of motor learning, motor development and motor control. The basic psychological learning principles and theories apply to the acquisition of motor skills and factors which may influence skill learning are identified as is physical growth and development as related to motor performance across the lifespan.
Credits 3
Term Offered
Fall Only
Session Cycle
F

ES-350 : Assessment and Technology in Secondary Physical Education

Preparation for future health and physical education teachers to construct and identify various forms of authentic and traditional assessments in the secondary PE setting. Includes the use of technology to gather and record data, enhance learning and enhance personal productivity in the physical activity setting.
Credits 2
Corequisites or Prerequisites
ES-370
Term Offered
Spring Only
Session Cycle
S

ES-357X : Global Healthcare and Sport

Comparison of the similarities and differences between varied World Health Organization ranked global healthcare systems. Emphasis will be placed on exploring delivery, financing, and effectiveness of services within various healthcare systems, with a special focus on sports medicine and related prevention and intervention resources for athletes. The class will travel to Portugal and Czech Republic. FILA general education: world cultures and experiential learning.
Credits 3
Prerequisites
FILA-150 or FILA-350EW
Term Offered
May Term
Session Cycle
M

ES-360 : Organization and Administration of Health and Exercise Science

Examination of standards and policies in the organization, supervision and administration of health exercise science and athletics on all school levels and in all phases of the program.
Credits 3
Term Offered
Spring Only
Session Cycle
S

ES-362 : Lifeguard Train

FILA general education: ES activity.
Credits 1
Term Offered
Spring Only
Session Cycle
S

ES-363 : Lifeguard Instructor

Training instructor candidates to teach the American Red Cross (ARC) courses, and to review courses and challenges in: Lifeguard Training, Community Water Safety, CPR for the Professional Rescuer, Lifeguarding Instructor Aide and Longfellow's Whales Tales. Offered alternate years.
Credits 2
Prerequisites
ES-362
Term Offered
Fall Only
Session Cycle
F

ES-366 : Water Safety Instructor

Training instructor candidates to teach the American Red Cross (ARC) Swimming and Water Safety course in: Infant and Pre-school Aquatics Program, Levels I-VII of the Learn to Swim Program, Community Water Safety course, Water Safety Instructor Aide course, and Safety Training for Swim Coaches course (additional training required). Offered alternate years.
Credits 2
Prerequisites
ES-362
Term Offered
Fall Only
Session Cycle
F

ES-368W : Psychological Principles in Physical Education and Sport

Introduction to the role psychology plays in physical education and sport settings. Exploration of how psychological factors (e.g., personality, achievement motivation, anxiety) can influence participation in physical activity and motor performance, how the structure of sport and physical education programs influence psychological development, and how teaching mental skills (e.g., arousal regulation, goal setting, visualization) may enhance motor performance in physical education and sport. FILA general education: writing intensive.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Spring Only
Session Cycle
S

ES-370 : Teaching Methods for Secondary Physical Education

Preparation for the physical educator to teach lifetime physical activity at the secondary level. Curriculum development, unit and lesson planning, and effective instructional strategies and techniques will be explored and applied through peer teaching and practical field experience.
Credits 3
Prerequisites
EDUC-215; ES-235
Term Offered
Spring Only
Session Cycle
S

ES-371 : Teaching and Coaching Football

Techniques of teaching and coaching popular sports from basic fundamentals to detailed strategies. Organizational methods and administrative concerns particular to the specific sport are included.
Credits 1
Term Offered
Fall Only
Session Cycle
F

ES-372 : Teaching and Coaching Track and Field

Techniques of teaching and coaching popular sports from basic fundamentals to detailed strategies. Organizational methods and administrative concerns particular to the specific sport are included.
Credits 1
Term Offered
Spring Only
Session Cycle
S

ES-373 : Teaching and Coaching Basketball

Techniques of teaching and coaching popular sports from basic fundamentals to detailed strategies. Organizational methods and administrative concerns particular to the specific sport are included.
Credits 1
Term Offered
Fall Only
Session Cycle
F

ES-374 : Teaching and Coaching Baseball and Softball

Techniques of teaching and coaching popular sports from basic fundamentals to detailed strategies. Organizational methods and administrative concerns particular to the specific sport are included.
Credits 1
Term Offered
Spring Only
Session Cycle
S

ES-375 : Teaching and Coaching Tennis

Techniques of teaching and coaching popular sports from basic fundamentals to detailed strategies. Organizational methods and administrative concerns particular to the specific sport are included.
Credits 1
Term Offered
Fall Only
Session Cycle
F

ES-377 : Teaching and Coaching Volleyball

Techniques of teaching and coaching popular sports from basic fundamentals to detailed strategies. Organizational methods and administrative concerns particular to the specific sport are included.
Credits 1
Term Offered
Spring Only
Session Cycle
S

ES-379 : Teaching and Coaching Soccer

Techniques of teaching and coaching popular sports from basic fundamentals to detailed strategies. Organizational methods and administrative concerns particular to the specific sport are included.
Credits 1
Term Offered
Spring Only
Session Cycle
S

ES-380 : Coaching Methods and Techniques

The course introduces students to the fundamentals of teaching sport skills, how to organize and run effective practices, and basic strength and conditioning principles to effectively train student-athletes. Organizational methods, technological considerations, and administrative concerns are also included. Students will also learn the techniques and tactics from basic fundamentals to detailed strategies of a sport as well as gain practical experience with a sport coach.
Credits 3
Prerequisites
ES-240
Term Offered
Spring Only
Session Cycle
S

ES-382 : Practicum in Coaching

Practicum experience within the field of coaching. Students will complete 100 hours of competency-based work in a coaching environment as well as reflect on their experiences as it relates to the knowledge and skill competencies of the National Standards for Sport Coaches.
Credits 2
Prerequisites
ES-380
Term Offered
Fall and Spring
Session Cycle
FS

ES-385 : Adapted Physical Education and Recreation

Examination of the field of Adapted Physical Education. Exposure to recreational needs and capabilities of people with disabilities is provided. Practical experience in working with the special populations as well as orientation to wheelchair sports. Off campus laboratory experience required.
Credits 3
Term Offered
Fall and Spring
Session Cycle
FS

ES-401 : Field Experience in Elementary Physical Education

Twenty-hour field experience in local schools and preschool program. Reports, reflections and journal entries required. Students will gain experience in observations, assessment, and teaching in the PE setting.
Credits 1
Corequisites
ES-426
Term Offered
Fall Only
Session Cycle
F

ES-426 : Curriculum, Instruction & Assessment in Elementary Physical Education

Preparation for future health and physical education teachers to apply principles of class management, assessment, unit and lesson planning and instructional techniques as part of a developmentally appropriate elementary physical education program. Peer teaching provides students with practical experience.
Credits 3
Prerequisites
Admission to TEP
Corequisites or Prerequisites
ES-401
Term Offered
Fall Only
Session Cycle
F

ES-427 : Health Promotion and Wellness

Development of community based intervention strategies to modify health risk behaviors, with emphasis on theoretical foundations, and comprehensive program planning strategies.
Credits 3
Term Offered
Fall and Spring
Session Cycle
FS

ES-428 : Implementing Health Promotion Programs

A public health approach to addressing individual and community health problems. Students will implement health promotion programs in different settings with groups and individuals. Students will develop leadership skills around health promotion concepts. A variety of intervention strategies will be examined with a focus on achieving health behavior changes in at-risk populations.
Credits 3
Prerequisites
ES-427
Term Offered
Spring Only
Session Cycle
S

ES-441 : Foundations of Traffic Safety

The first of two courses required by the Virginia Department of Education for an endorsement in driver education. Development of an understanding of the highway transportation system, the complexity of the driving task, factors contributing to the performance of highway users, and attitudes and skills necessary to develop competent drivers. Provides prospective teachers with the essential knowledge and skills to effectively deliver the course content as presented in the Administrative and Curriculum Guide for Driver Education in Virginia.
Credits 3
Term Offered
Summer
Session Cycle
SU

ES-445 : Foundations of Methodologies of Classroom and In-Car Instruction

The second of two courses required by the Commonwealth of Virginia for endorsement in driver education. Incorporation of current teaching methods and research in the field of driver education. Emphasis on organization and administration, classroom instruction, single car instruction, multiple-car range, simulation and evaluation. Emphasis on actual teaching skills including a minimum of 20 hours of actual behind-the-wheel, supervised teaching experience. Course content is consistent with the Administrative and Curriculum Guide for Driver Education in Virginia.
Credits 3
Prerequisites
ES-441; a valid driver's license
Term Offered
Summer
Session Cycle
SU

ES-456 : Management Concepts in Health Care

Concepts of administration such as devising policy and procedures, record-keeping, budgeting, facility design, risk management and productivity standards for healthcare professionals.
Credits 3
Term Offered
Fall Only
Session Cycle
F

ES-460 : Senior Seminar

Capstone experience integrating the core learned in major level courses through readings, class discussions and projects. Additionally, skill application occurs by completing 75 hours of competency-based work in an environment relevant to the discipline and reflecting upon this experience in light of their knowledge and skill development.
Credits 3
Prerequisites
Senior Health and Exercise Science major or permission of instructor
Term Offered
Fall and Spring
Session Cycle
FS

ES-467 : Health & Exercise Psychology

Examination of the mental health benefits of exercise as well as motivational factors involved in exercise and the many variables that influence exercise behavior (e.g., stress, emotional states, anxiety and depression). Additionally, this course explores the psychological antecedents and consequences of injury and illness.
Credits 3
Term Offered
Fall Only
Session Cycle
F

ES-470 : Cultural Competence & Ethics Healthcare

This course is a directed study of cultural and ethical issues associated with varied allied health professional's service delivery. The experience is designed to advance the student's knowledge in providing healthcare for diverse cultural groups within the United States healthcare system including discussions related to the following: communications, family roles, high risk behaviors, healthcare practices, spirituality, and death rituals. Concurrently, the class will provide insight into the formation and use of various allied healthcare professional organization's code of ethics.

Credits 3

Term Offered

May Term

Session Cycle

M

ES-480X : Internship

Provides an opportunity for a student to gain field experience in an area related to the student's program of study or career goals. The learning objectives for internships include connecting academic knowledge and problem-solving processes to experiences and problems in professional settings. Supervision of an intern is provided by an appropriate faculty member and by a site supervisor of the agency or business in which the student is an intern. A student who wishes to engage in an internship must consult with the appropriate faculty member at least eight weeks in advance of the start of the term in which the internship is to be completed. A description of the internship, signed by the student and the faculty sponsor, must be filed with the director of internships by the first day of the semester prior to the start of the internship. Approval of each application for an internship is made by the director of internships based upon approved policies and guidelines. Internships are graded on an S or U basis. Students must complete 120 hours of internship-related work as well as weekly journal entries and a final reflective paper completed in accordance with approved requirements. A student may enroll in an internship program for 3 credits per semester, and internship credit may be earned in subsequent semesters subject to the limitations that no more than two internships may be pursued in any one agency or business and a maximum of 9 credits in internships may be applied toward graduation. FILA general education: experiential learning.

Credits 3

Prerequisites

FILA-150 or FILA-350EW; junior or senior standing, and a minimum 2.0 grade point average

Term Offered

All Terms

Session Cycle

A

ES-490 : Independent Study

Upon approval of the department and the division head, a student with a cumulative grade point average of 2.20 or better may engage in an independent study or research project. One desiring to pursue independent study or research must submit a written description of the proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. At the end of the semester, the supervising professor files with the registrar a grade for the student and a description of the work accomplished. Credit may be received for no more than three independent studies or research projects.

Credits 3

Prerequisites

Completed application submitted to registrar's office

Term Offered

All Terms

Session Cycle

A

ES-491 : Research

Upon approval of the department and the division head, a student with a cumulative grade point average of 2.20 or better may engage in an independent study or research project. One desiring to pursue independent study or research must submit a written description of the proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. At the end of the semester, the supervising professor files with the registrar a grade for the student and a description of the work accomplished. Credit may be received for not more than three independent studies or research projects.

Credits 3

Prerequisites

Completed application submitted to registrar's office

Term Offered

All Terms

Session Cycle

A

ES-499 : Honors Project

An honors project is one in which a student researches a subject, by examination of relevant literature or by experimentation or both; the student reports the results in an accurately documented and well-written paper or appropriate representation of the work. Whenever the study deals with the subject of an established course, the student is expected to go well beyond the usual work of the course in research and in assimilation of the results as revealed in the report. Juniors and seniors with a cumulative grade point average of 3.40 or above may register for an honors project. One desiring to pursue an honors project must submit a written description of his or her proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. Upon the completion of the honors project, the student must present an oral defense of his or her project. The final grade must include a satisfactory performance on the oral defense, assessed by a three-faculty member team. The project advisor will authorize the make-up of the oral defense team and will assign the final grade on the project. The honors project title will be noted on the student's transcript. It is the student's responsibility to provide a copy of the written paper or appropriate representation of the work to the library in compliance with specifications approved by the Council on Education. The library director arranges for binding and storage.
Credits 3
Prerequisites
Completed application submitted to registrar's office
Term Offered
All Terms
Session Cycle
A

HDFS-101 : Individuals & Families in Societal Contexts

An introduction to the history of Family Sciences with consideration of family strengths and weaknesses and internal dynamics of families. Students will engage in critical examination of families and individuals in societal contexts and issues related to families, work, and their interrelationships. Using family science theories, students will consider the contextual factors that influence the family. Emphasis placed upon the reciprocal impacts of relationships within the family and a person's relationships to individuals and society. This course focuses on family as a basic social institution, the various theoretical perspectives on the family, and provides an overview of current social scientific research on the family. The history, structure, and functions of the family will be addressed as will topics such as dating, cohabitation, marriage, parenting, family violence, and divorce. FILA general education: social sciences.
Credits 3
Term Offered
Fall Only
Session Cycle
F

HDFS-221 : Housing in Contemporary Society

Needs for Individuals and Families from the standpoint of health, safety, environment, finance, ownership, types of dwellings, and minimum standards will be studied. The decision-making processes related to furnishings and equipment will also be examined. Sociological and economic theories of housing consumption and production in housing markets, including basic concepts of housing needs, quality, norms and satisfaction will be explored.
Credits 3
Term Offered
Fall Only
Session Cycle
FOS

HDFS-230 : Family Resource Management

Examines issues related to management process and its significance on the quality of life experienced by families with consideration of values, goals, standards, decision making and allocation of resources. Topics include development and allocation of resources, social environment influences, life cycle and family structure influences and consumer issues and decisions.
Credits 3
Term Offered
Spring Only
Session Cycle
S

HDFS-250 : International Food & Nutrition

A look at the importance of food and nutrition in individual lives, communities and nations with emphasis on non-western and third world countries. It allows students to develop an understanding of food customs and the influence of culture and religion on food habits and health beliefs (ex. Edible/non-edible foods) while focusing on how these health beliefs and cultural influences impact one's actions and nutritional behaviors. Problems in nutrition as malnutrition and obesity along with food shortages/excesses and solutions currently being tried or projected through national, international and voluntary agencies are studied. Questions as to what one's health beliefs and cultural influences are and how these impact ones' actions are discussed. Laboratory experiences emphasize cultural influence on political, ethical, geographic, social and finally food choices. FILA general education: global dynamics.
Credits 3
Prerequisites
FILA-150 or FILA-350EW
Term Offered
Fall and Spring
Session Cycle
FS

HDFS-307 : Food Science & Safety

Investigation of the scientific principles involved in basic cookery with emphasis on quality characteristics and product evaluation. Structure, composition and nutritive value of foods are studied, as well as food selection, storage, preparation, processing and meal management techniques. Food safety and an ecological approach to food selection and preparation is emphasized. Instruction requires three class meetings per week and one three-hour lab.
Credits 4
Term Offered
Fall Only
Session Cycle
F

HDFS-312X : Adult Development & Aging

Examine issues related to geriatrics with emphasis on issues including historical, cultural, biological, physiological, psychological, and social contexts. Opportunities for experiential learning in residential and intermediate facilities with appropriate agencies. FILA general education: experiential learning.
Credits 4
Prerequisites
FILA-150 or FILA-350EW
Term Offered
Fall Only
Session Cycle
F

HDFS-319 : Interpersonal & Marital Relationships

Students will examine interpersonal and marital relationships from a variety of theoretical and conceptual frameworks to gain an understanding of the changes in society relative to marriage and family. Students will recognize the impact of personality and communication styles as well as recognize the developmental stages of relationships. Students will analyze interpersonal relationships using various theoretical perspectives while learning how to develop an implement relationship enhancement and enrichment strategies, such as effective communication, problem solving, and anger and conflict management strategies. FILA general education: social sciences.
Credits 3
Term Offered
Fall Only
Session Cycle
F

HDFS-324 : 20th Century Interiors

A survey of interiors from 1900 to the present. Emphasis will be placed on the relationship of architecture and interior furnishings to the economic, political, religious, social and technical climate of the times. Offered on demand.
Credits 3
Term Offered
May Term
Session Cycle
M

HDFS-340 : Fashion, Apparel & Textiles

Emphasis on factors influencing fashion including the sociological, psychological and physiological aspects of clothing and basic construction of clothing.
Credits 3
Term Offered
Spring Only
Session Cycle
S

HDFS-345 : Child Development

Examine issues related to physical, cognitive and socio-emotional development of the child from conception through early adolescence. Students will develop theoretical and practical knowledge of child development concepts. Provisions are made for observing and working with preschool children.
Credits 4
Prerequisites
Junior standing
Term Offered
Fall Only
Session Cycle
F

HDFS-346 : Adolescent Development

Developmental changes of individuals in families throughout the adolescent years into emerging adulthood. Emphasis placed on knowledge of physical, emotional, cognitive, and social aspects of development.
Credits 3
Term Offered
Fall Only
Session Cycle
F

HDFS-347 : Family Law & Public Policy

Students will develop an understanding of the legal issues, policies, and law influencing the well-being of families. Topics include family and the law relating to marriage, divorce, family support, child custody, child protection and rights, family planning, social services, education, the economy religion, and public policy as it affects the family, including tax, civil rights, social security, economic support laws, and regulations.
Credits 3
Term Offered
Spring Only
Session Cycle
S

HDFS-350 : Life Cycle Nutrition

Nutritional needs throughout each phase of the life cycle are emphasized. Instructional delivery appropriate to each age group is stressed. Offered on demand.
Credits 3
Prerequisites
ES-249
Term Offered
Fall Only
Session Cycle
F

HDFS-355 : Sports Nutrition

A study of the effects of nutrition on the well being of the athlete and the relationship of good nutrition to optimum performance.
Credits 3
Prerequisites
ES-249
Term Offered
Spring Only
Session Cycle
S

HDFS-368W : Sociology of the Family

Examination of the human family historically and comparatively in various cultures with major emphasis placed upon the modern American family. Included are such topics as the diversity of family structures, the social construction of emotions, gender expectations and roles, parenting, the life cycle, and family tensions. FILA general education: writing intensive.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; SOC-101; ENG-110
Term Offered
Fall Only
Session Cycle
F

HDFS-408X : Parent & Child Relations

Overview of the process of parenting in diverse cultural and familial structures. Exploration of issues related to parenting at various stages of development, as well as formation of parenting goals and styles. Emphasis placed on parent-child interactions through the child rearing years. Provides an emphasis on evidence-based practices and evaluation of programming. FILA general education: experiential learning
Credits 3
Prerequisites
FILA-150 or FILA-350EW
Term Offered
Spring Only
Session Cycle
S

HDFS-410 : Early Childhood Education

Covers the full spectrum of early childhood education from birth through age six. History, curriculum, assessment, program applications, and current trends and issues are examined. Course content is applicable to infant and toddler programs and preschool programs.
Credits 3
Term Offered
Fall Only
Session Cycle
F

HDFS-420 : Occupation Program Management

Instructional practice, management and evaluation appropriate for the secondary Family and Consumer Sciences classroom. Laws governing vocational education, its management and guidance and its relationship to state and national programs is considered. Emphasis on organizing and implementing a FCCLA program into classroom instruction. Offered alternate years.
Credits 3
Term Offered
Spring Only
Session Cycle
S

HDFS-425 : Family Economics

Principles of economic systems in relation to standards in selection of goods and services and sources of reliable consumer information.
Credits 3
Prerequisites
ECON-200 or ECON-210; or permission of instructor
Term Offered
Fall Only
Session Cycle
F

HDFS-440 : Family Life Methodology

Critical examination of principles of the general philosophy and broad principles of family life education in conjunction with the ability to plan, implement, and evaluate such educational and Occupational/ Career and Technical Education programs. An understanding of the character and quality of human social conduct, and the ability to critically examine ethical questions and issues as they relate to professional practice and community concerns and values.
Credits 3
Term Offered
Fall Only
Session Cycle
F

HDFS-455X : Therapeutic & Community Nutrition

Study of the health and nutritional concerns and needs of a community; the nutritional services available to the community; preventive nutrition practices; and the process involved in identifying, designing and implementing programs for the community. Additionally, Medical Nutrition Therapy and the Nutrition Care Process is learned and practiced for later development during a practicum or internship. This knowledge provides the student with the tools to practice nutrition medical charting in the clinical setting with the understanding of various diet therapies. FILA general education: experiential learning.
Credits 3
Prerequisites
COMM-100; ES-249
Term Offered
Spring Only
Session Cycle
S

HDFS-460 : Professional Family & Consumer Science

Field experiences in occupations related to Family and Consumer Sciences. Opportunities, qualifications, skills, and professional standards and ethics are studied. Two hours per week in class and a minimum of 100 (3 credits) or 200 (6 credits) hours of field experiences.
Credits 3
Prerequisites
Senior standing
Term Offered
All Terms
Session Cycle
A

HDFS-471 : Senior Seminar

This capstone course explores special topics in all family and consumer content areas. Special topics and problems are developed according to the individual's specialization and professional interests. Students synthesize research in a particular area of family and consumer sciences to complete a capstone research project.
Credits 1
Term Offered
Fall Only
Session Cycle
F

HDFS-480X : Internship

Provides an opportunity for a student to gain field experience in an area related to the student's program of study or career goals. The learning objectives for internships include connecting academic knowledge and problem-solving processes to experiences and problems in professional settings. Supervision of an intern is provided by an appropriate faculty member and by a site supervisor of the agency or business in which the student is an intern. A student who wishes to engage in an internship must consult with the appropriate faculty member at least eight weeks in advance of the start of the term in which the internship is to be completed. A description of the internship, signed by the student and the faculty sponsor, must be filed with the director of internships by the first day of the semester prior to the start of the internship. Approval of each application for an internship is made by the director of internships based upon approved policies and guidelines. Internships are graded on an S or U basis. Students must complete 120 hours of internship-related work as well as weekly journal entries and a final reflective paper completed in accordance with approved requirements. A student may enroll in an internship program for 3 credits per semester, and internship credit may be earned in subsequent semesters subject to the limitations that no more than two internships may be pursued in any one agency or business and a maximum of 9 credits in internships may be applied toward graduation. FILA general education: experiential learning.
Credits 3
Prerequisites
FILA-150 or FILA-350EW, junior or senior standing, and a minimum 2.0 grade point average
Term Offered
All Terms
Session Cycle
A

HDFS-490 : Independent Study

Upon approval of the department and the division head, a student with a cumulative grade point average of 2.20 or better may engage in an independent study or research project. One desiring to pursue independent study or research must submit a written description of the proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. At the end of the semester, the supervising professor files with the registrar a grade for the student and a description of the work accomplished. Credit may be received for no more than three independent studies or research projects.
Credits 3
Prerequisites
Completed application submitted to registrar's office
Term Offered
All Terms
Session Cycle
A

HDFS-491 : Research

Upon approval of the department and the division head, a student with a cumulative grade point average of 2.20 or better may engage in an independent study or research project. One desiring to pursue independent study or research must submit a written description of the proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. At the end of the semester, the supervising professor files with the registrar a grade for the student and a description of the work accomplished. Credit may be received for not more than three independent studies or research projects.
Credits 3
Prerequisites
Completed application submitted to registrar's office
Term Offered
All Terms
Session Cycle
A

HDFS-499 : Honors Project

An honors project is one in which a student researches a subject, by examination of relevant literature or by experimentation or both; the student reports the results in an accurately documented and well-written paper or appropriate representation of the work. Whenever the study deals with the subject of an established course, the student is expected to go well beyond the usual work of the course in research and in assimilation of the results as revealed in the report. Juniors and seniors with a cumulative grade point average of 3.40 or above may register for an honors project. One desiring to pursue an honors project must submit a written description of his or her proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. Upon the completion of the honors project, the student must present an oral defense of his or her project. The final grade must include a satisfactory performance on the oral defense, assessed by a three-faculty member team. The project advisor will authorize the make-up of the oral defense team and will assign the final grade on the project. The honors project title will be noted on the student's transcript. It is the student's responsibility to provide a copy of the written paper or appropriate representation of the work to the library in compliance with specifications approved by the Council on Education. The library director arranges for binding and storage.
Credits 3
Prerequisites
Completed application submitted to registrar's office
Term Offered
All Terms
Session Cycle
A

History & Political Science

HIST-105 : World History to 1500

An examination of the multiple global narratives that comprise human development and interaction prior to 1500 with primary focus on early human activity, the development of complex societies, classical and post-classical ages, and expansion of post-classical cross-cultural involvement. FILA general education: history.
Credits 3
Corequisites or Prerequisites
FILA-150 or FILA-350EW
Term Offered
Fall and Spring
Session Cycle
FS

HIST-110 : World History Since 1500

An examination of the multiple global narratives that comprise human development and interaction since 1500 with primary focus on the origins of global interdependence, the ages of revolution, industry, and empire, and the twentieth century. FILA general education: history.
Credits 3
Corequisites or Prerequisites
FILA-150 or FILA-350EW
Term Offered
Fall and Spring
Session Cycle
FS

HIST-112 : Introduction to World History

Introduces global/world history and explores the human experience from the Late Stone Age (upper Paleolithic) to the present. Survey course with introductions to the historian's craft of research and the use of primary sources documents, that asks students to wrestle with an array of major questions. Themes include global encounters, civilizations, religion, mobilities, trade, empires, conflicts, and daily life. FILA general education: history.
Credits 3
Corequisites or Prerequisites
FILA-150 or FILA-350EW
Term Offered
Fall and Spring
Session Cycle
FS

HIST-115 : 20th Century World History

Examines political, economic, and cultural trends in world history over the course of the twentieth century with emphasis on the interconnectivity of world peoples and places. Major themes include trade, ideology, conflict, culture and globalization. FILA general education: history.
Credits 3
Corequisites or Prerequisites
FILA-150 or FILA-350EW
Term Offered
Fall and Spring
Session Cycle
FS

HIST-120 : The Pacific World

Examines the history of the Pacific Ocean world from around 1500 to the present. While surveying the histories of key societies in the Asia-Pacific region, the course also examines the intricate connections in this diverse world. Major themes include cultural encounters, trade, migration, empires, and conflicts. FILA general education: history.
Credits 3
Corequisites or Prerequisites
FILA-150 or FILA-350EW
Term Offered
Fall and Spring
Session Cycle
FS

HIST-125 : The Atlantic World, 1450-1800

Examines the rise and fall of an Atlantic World system that tied Europe, Africa and the Americas into a web of cultural, political and economic interdependence. Major themes include different models of New World exploration, colonization by European colonial powers, missionary activities and religious migrations, the ramifications of New World slavery, encounters and conflicts between native and colonial peoples, and the development of nation states in the Western Hemisphere. FILA general education: history.
Credits 3
Corequisites or Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Fall and Spring
Session Cycle
FS

HIST-135 : History of the Islamic World

Examines political, economic, cultural and religious trends in the greater Middle East from the birth of Islam in the seventh century to the present day. Major themes include the origins of Islam and the rise of Islamic empires and cultures, the development of an early modern polity under the Ottomans, European imperialism, and the influence of nationalism(s), resources conflicts and religious revival in the 20th and early 21st centuries. FILA general education: history.
Credits 3
Corequisites or Prerequisites
FILA-150 or FILA-350EW
Term Offered
Spring Only
Session Cycle
S

HIST-201 : History of the United States to 1877

The United States from settlement to Reconstruction. Major themes include the development of a new society, evolution of democratic behavior, and the growth of sectionalism. Includes both social and political approaches.
Credits 3
Term Offered
Fall Only
Session Cycle
F

HIST-202 : History of the United States Since 1877

The United States from Reconstruction until the present. Major themes include industrialization and modernization, the increased role of government, greater U. S. involvement in international affairs, and the impact of these changes on society. A continuation of HIST-201.
Credits 3
Term Offered
Spring Only
Session Cycle
S

HIST-250 : Historical Methods

An introduction to historical research methods and the tools and techniques that historians use to study the past. The course focuses on the development of key research skills through the location, analysis, and use of primary and secondary sources in a variety of forms and settings. Students will also review and gain an understanding of the fundamental historiographical practices and interpretations used within the field of history.
Credits 3
Term Offered
Spring Only
Session Cycle
S

HIST-268X : The Civil War in the Shenandoah Valley

Studies the experience of the Shenandoah Valley during the Civil War, causes of the war, campaigns of 1862 and 1864, and the home front, including the burning, conscientious objectors, slavery, and shortages. Examines a variety of large trends, including race, gender, and religion. Trips to area battlefields, monuments and museums will be an integral part of the course and students will be required to integrate these experiential elements with the in-class lecture, discussions, and assignments. FILA general education: experiential learning.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; and a 100-level history course
Term Offered
Fall Only
Session Cycle
F

HIST-270 : The Second World War in Global Perspective

Examines the foundations, nature, and impact of the Second World War in Africa, the Middle East, and Asia. Emphasizes the role of ideology, including fascism, communism, militarism, imperialism, and colonial nationalism in shaping the experiences of both western and non-western powers in these regions from the late 1930s to 1945. FILA general education: global dynamics.
Credits 3
Prerequisites
FILA-150 or FILA-350EW
Term Offered
May Term
Session Cycle
M

HIST-280 : History Through Film; Film Through History

Examines the relationship between history and film and considers the difficult balance between historical scholarship and artistic expression. Emphasis is on popular movies portraying historical characters and events and the controversies and questions these often raise. Subjects will cover a broad range of topics in European and world history.
Credits 3
Term Offered
May Term
Session Cycle
M

HIST-285X : Monuments, Memorials, and Museums

Examines remembrance as it takes shape in monuments, memorials, and museums. Students will critically engage with conceptions, conversations, and controversies around memory at the intersection of history, memory studies, public/ digital history, and museum studies. Students use documents, images, and scholarship to explore different sites, traveling to monuments, memorials, and museums. Students will integrate their experiences and thoughts by critically reflecting on memorial landscapes. FILA general education: world cultures and experiential learning.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; and a 100 or 200-level history course
Term Offered
May Term
Session Cycle
M

HIST-290 : Medieval Europe

Course covers the development of Western Europe from the collapse of the Roman Empire to the beginnings of the Renaissance with emphasis on the ideas, individuals and events that shaped the period. Topics include daily life for the masses, evolution of political and religious thought, consolidation of state and religious authority, cultural shifts and the rise of a persecuting society, and medieval warfare. FILA general education: world cultures.
Credits 3
Prerequisites
FILA-150 or FILA-350EW
Term Offered
Spring Only
Session Cycle
S

HIST-302X : American Presidential Leadership: Virginia Dynasty

This course examines the character and leadership of the Virginia Dynasty-Washington, Jefferson, Madison, and Monroe-four of the nation's first five presidents. Topics include policy decisions, personality, race, and slavery. Trips to presidential homes will be an integral part of the course, and students will be required to reflect on these experiential elements with the in-class lecture, discussions, and assignments. FILA General Education: experiential learning.
Credits 3
Prerequisites
FILA-150 or FILA-350EW
Term Offered
May Term
Session Cycle
M

HIST-305 : India Past and Present

A travel course that offers a firsthand examination of the cultural, political, and religious legacies of three separate empires - the Delhi Sultanate, the Mughals, and the British Raj - in contemporary India. While expediting the vast array of Indian cultures in general, students will explore a number of past and current political and religion centers and examine the role of competing imperial frameworks in shaping the simultaneous unities and divisions in modern India. The course will focus on Northern India, including Delhi, Agra, the Great Indian Desert (Thar) in Rajasthan, British "hill stations" in the Himalayas, and the Hindu holy city of Hardwar on the River Ganges. FILA general education: global dynamics. Offered alternate years.
Credits 3
Prerequisites
FILA-150 or FILA-350EW
Term Offered
May Term
Session Cycle
M

HIST-307 / FREN-307 : Cultural Memory of the World Wars

This interdisciplinary travel course (World Languages and Cultures/History) examines the history and diverse cultural memory of the First and Second World Wars in Britain, France, and Belgium. While gaining firsthand experience of contemporary culture and society in theses western European nations, the class will focus on specific sites of memory and history of these conflicts, including London, Paris, Normandy, the Somme, Verdun, and southern Belgium. Studying both literature and historical documents, students will gain an intimate knowledge of the landscapes, experiences, and legacies of the world wars within the discreet cultural contexts of Britain, France, and Belgium. FILA general education: world cultures. (Cross-listed as FREN-307)
Credits 3
Prerequisites
FILA-150 or FILA-350EW; permission of instructor
Term Offered
May Term
Session Cycle
M

HIST-311 : Early Modern Europe in the World, 1492-1789

Surveys developments in European history from the arrival in the New World to the eve of the French Revolution to equip students to make comparisons to contemporary life. Major topics include Europeans' interactions with peoples and cultures outside Europe, the Reformation, the development of both limited and absolutist governments, the Scientific Revolution, and the Enlightenment. FILA general education: world cultures. Offered alternate years.
Credits 3
Prerequisites
FILA-150 or FILA-350EW
Term Offered
Fall Only
Session Cycle
F

HIST-315 : Topics in United States History

A study of specific topics related to United States history. May be taken more than once provided different topics are covered.
Credits 3
Term Offered
Spring Only
Session Cycle
S

HIST-317 / REL-317 : History of the Christian Church

Social and political structures of the Church, issues in theology and ethics. A survey of the history of the Church from the Apostolic Age to the present time. FILA general education: philosophy or religion. Offered on demand. (Cross-listed as REL-317)

Credits 3

Prerequisites

ENG-110

Term Offered

Fall Only

Session Cycle

F

HIST-318 : African American History

This course is an interdisciplinary survey of African American experiences designed to introduce students to major themes in African American history. Topics include African origins, the Middle Passage and the Transatlantic slave trade, antebellum African American cultures, and Reconstruction-era politics. The second half of the course focuses on twentieth century migrations as well as cultural, political, and social movements such as Pan-Africanism, the Harlem Renaissance, the Long Civil Rights, Black Power, and Black Feminist movements. FILA general education: world cultures. Offered alternate years.

Credits 3

Prerequisites

FILA-150 or FILA-350EW

Term Offered

Spring Only

Session Cycle

S

HIST-321 : Europe Since 1789

Surveys developments in European history from the French Revolution to the present day. Major topics include the French Revolution and Napoleonic Europe, industrialization, the rise of new ideologies and systems of thought, the new Imperialism, the World Wars and the Holocaust, rise and fall of communism, and the place of Europe in the world in the early 21st century. FILA general education: world cultures. Offered alternate years.

Credits 3

Prerequisites

FILA-150 or FILA-350EW

Term Offered

Fall Only

Session Cycle

F

HIST-325 : Modern Britain Since 1688

Examines political, economic, and culture trends in British history from the "Glorious Revolution" of 1688 to the present day. Modern Britain stands as one of the cornerstones of the contemporary world, and its politics and culture influenced global society in countless way, ranging from soccer to modern environmentalism to constitutional law. The course focuses on several major themes, including the role of religion, finance, and industry, the royal family, sport, and, most important of all, "social class," in building British society. Students will acquire a basic understanding of the major driving forces of modern British history and the ways that they compare and interrelate with Europe, the United State, and the world. FILA general education: world cultures. Offered alternate years.

Credits 3

Prerequisites

FILA-150 or FILA-350EW

Term Offered

Fall Only

Session Cycle

F

HIST-330HX : Modern Britain and Oxford

Examines political, economic, and culture trends in British history from the "Glorious Revolution" of 1688 to the present day. Modern Britain stands as one of the cornerstones of the contemporary world, and its politics and culture influenced global society in countless way, ranging from soccer to modern environmentalism to constitutional law. The course focuses on several major themes, including the role of religion, finance, and industry, the royal family, sport, and, most important of all, "social class," in building British society. Flory Honors students will acquire a basic understanding of the major driving forces of modern British history and the ways that they compare and interrelate with Europe, the United States, and the world while studying at Oxford. FILA general education: world culture and experiential learning.

Credits 3

Prerequisites

FILA-150 or FILA-350EW; ENG-110; membership in the Flory Honors Program

Term Offered

May Term

Session Cycle

M

HIST-332 : Special Topics in Global History

A study of major themes, questions, events, and problems in global history chosen by the instructor. May be taken more than once provided different topics are covered. FILA General Education: world cultures.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Spring Only
Session Cycle
S

HIST-335 : Women's History in Asia

Explores women's histories in Asia. Stresses the construction of gender norms and their evolution over time and encourages comparison of women's lives and experiences across various cultural contexts in Asia. Topics include women's political rights and participation, women's education and literacy, women's sexuality and reproduction, and women's work. FILA general education: global dynamics. Offered alternate years.
Credits 3
Prerequisites
FILA-150 or FILA-350EW
Term Offered
Spring Only
Session Cycle
S

HIST-340 : American Indian History

Examines the history of American Indians from pre-contact civilizations and cultures to the present. It demonstrates the diversity of individual, tribal, national, and pan-Indian experiences in the context of culture, society, religion, economics, politics, and law. Students investigate a variety of sources including scholarly and popular non-fictional and fictional writings, images, songs, and films. FILA general education: world cultures. Offered alternate years.
Credits 3
Prerequisites
FILA-150 or FILA-350EW
Term Offered
Spring Only
Session Cycle
S

HIST-350 : The Wars in Afghanistan

Examines the history of western intervention, imperialism, and "nation building" in Central Asia and Afghanistan from the initial periods of Russian and British expansion into the region in the early eighteenth century to the American and NATO intervention in Afghanistan in the twenty-first century. Major themes include cultural and political interaction between local societies and the British, Russians, Soviets and Americans. FILA general education: world cultures. Offered alternate years.
Credits 3
Prerequisites
FILA-150 or FILA-350EW
Term Offered
Spring Only
Session Cycle
S

HIST-355 : Public History

An introduction to the practice, methods, and theories of applied history in the contexts of public history sites, oral history, and local history. Students will be introduced to best practices for museum and archive collection development, accessioning and deaccessioning artifacts, conducting oral history interviews, and responsible application of history skills to real-world problems. Students will: visit local museums, archives, and library special collections to see public history in action; participate in Storied Halls, which is an ongoing, collaborative student-faculty oral history research project; conduct a substantial original research project on local history through local archival repositories; and present their work as research papers, history talks, museum exhibits, and/or digital history displays. Offered alternate years.
Credits 3
Term Offered
Fall Only
Session Cycle
F

HIST-360 : Modern Africa

Surveys the history of Modern Africa from the era of the trans-Atlantic slave trade to the present and places special emphasis on sub-Saharan Africa. It approaches the history of the continent through consideration of the nature and impact of European intrusion into African societies and African responses to European imperialism. Moreover, the course examines how independent African nations have addressed the legacies of their history and the challenges independence has posed for African nations. Special topics include Apartheid, the struggle against segregation, African women, feminism, development, and the difficulty in creating viable democracies and stable economies in the late twentieth-century. FILA general education: world cultures.
Credits 3
Prerequisites
FILA-150 or FILA-350EW
Term Offered
Fall Only
Session Cycle
F

HIST-365 / REL-365 : Foundations of American Religion

Survey of American religious history with a focus on origins and diversity. Major topics include Puritanism, Revivalism, Mormonism, Methodism, African-American religion, fundamentalism, Catholicism, and Judaism and religion during the cold war. Offered alternate years. (Cross-listed as REL-365)
Credits 3
Term Offered
Fall Only
Session Cycle
F

HIST-370 : Genocide

This courses explores the history of genocide. Examines origins of and paths to genocide, including dynamics tied to imperialism, race, and nationalism; also investigates the conception of the word 'genocide' and the development of critical genocide studies as a field of inquiry. Specific case studies that occurred in modern history as well as broader themes give students the opportunity to wrestle with and compare historical dynamics, historiographical discussions, and theoretical conceptions. FILA general education: world cultures. Offered alternate years.
Credits 3
Prerequisites
FILA-150 or FILA-350EW
Term Offered
Spring Only
Session Cycle
S

HIST-375 : Cold War America

Examines the cultural, political, and diplomatic context and events of the Cold War from 1945 to 1991 with an emphasis on life in the United States. Students explore a variety of scholarly and primary sources from the period. Offered alternate years.
Credits 3
Term Offered
Fall Only
Session Cycle
F

HIST-380 : Topics in European History

A study of major themes, questions, events, and problems in European history chosen by the instructor. The course will include the examination of primary documents and/or artifacts and explore the implications of the theme on the cultures, economics, and social systems of the region. Examples include the Greeks and the Romans, the Crusades, the Renaissance, the Protestant Reformation, and others. FILA general education: world cultures.
Credits 3
Prerequisites
FILA-150 or FILA-350EW
Term Offered
Fall and Spring
Session Cycle
FS

HIST-390 : War and Peace Across the Pacific

Examines key events in the relations among Japan, China, and the United States since the mid-19th century, exploring not only diplomatic and political but also cultural relations among the three societies. Topics include migration, WWI, internationalism of the 1920s, WWII, Chinese Civil War, and Cold War. By exploring Asian and American experiences of these key events from international and transnational perspectives, nationalistic narratives that are prevalent in all societies will be challenged. FILA general education: world cultures.
Credits 3
Prerequisites
FILA-150 or FILA-350EW
Term Offered
Fall Only
Session Cycle
F

HIST-400 : Professional Development

Designed to prepare history students for entry into the job market, or further study at the graduate level. Meets once a week and addresses issues of relevance to the application of history to the profession. Topics of relevance to postgraduates, including graduate school entry (exams, applications, etc.), interview preparation, resume writing, certifications, and such will be discussed. Students will prepare a career portfolio, individually designed to meet their specific needs, in which professional and graduate school application materials will be collected. The portfolio will be fully assessed at the end of the semester.
Credits 1
Prerequisites
HIST-250; junior standing
Term Offered
Spring Only
Session Cycle
S

HIST-410 : Modern India & Pakistan Since 1700

Examines the history of India and Pakistan from the beginning of British rule in the early 1700s to the present. A region of the world that is by the day becoming more important to the Unites States and the West, this class explores the major issues of modern South Asian history, including the rise of British dominion, the Indian revolt of 1857-58, the escalation of religious communalism, growth of nationalism, India's partition and independence, and the current nuclear standoff between India and Pakistan by focusing on the complex interplay between nationalism, imperialism, and the three major religions of the region - Hinduism, Islam, and Sikhism - over the last 300 years. Offered alternate years.
Credits 3
Term Offered
Fall Only
Session Cycle
F

HIST-415 : History of China Since 1600

A survey of the history of China since around 1600. While chronologically surveying political, economic, social, and cultural changes that took place in Ming and Qing China, Republic of China, and the People's Republic of China, the course explores key themes including revolutions, projects of building a modern nation-state, wars, gender, and family. Offered alternate years.
Credits 3
Prerequisites
FILA-150 or FILA-350EW
Term Offered
Fall Only
Session Cycle
F

HIST-420 : Modern Germany and Its Empires

This course is a survey and examination of modern German history and its empires from 1871 until the present. Explores major issues and broader dynamics tied to Imperial Germany, Weimar Germany, Nazi Germany, and a divided post-WWII Germany as well as current conversations. Discusses more specific dynamics including the German colonial empire, WWI, WWII and the Holocaust, and the East German dictatorship. Offered alternate years.
Credits 3
Term Offered
Spring Only
Session Cycle
S

HIST-425 : History of Japan Since 1600

Examines the history of Japan in the early modern and modern times. While chronologically surveying political, economic, social, and cultural changes, the course explores key themes including projects of building a modern nation-state and empire and of rebuilding the society after World War II, and the roles played by gender, family, and nationalism in those projects.
Credits 3
Prerequisites
FILA-150 or FILA-350EW
Term Offered
Fall Only
Session Cycle
F

HIST-430 : European Imperialism

Europeans' relationship with the rest of the world from the origins of modern European empires in the 19th-century, to the process of decolonization in the 20th-century, to current debates about neo-imperialism and neo-colonialism. Examines the effects of empire on both the colonizers and the colonized. Offered alternate years.
Credits 3
Term Offered
Spring Only
Session Cycle
S

HIST-435 : Progressive Era America

An intellectual and cultural history of the United States in global context between 1880 and 1920. It traces the development of American culture, ideas, economics, and politics as part of a larger reform movement in the industrialized world between the beginning of the Second Industrial Revolution and World War I. Offered alternate years.
Credits 3
Term Offered
Fall Only
Session Cycle
F

HIST-460 : Readings in the American Civil War

Explores the American Civil War primarily through great books, supplemented by lectures, films, and a field trip. Topics include causes of the conflict, gender, nationalism, religion, Reconstruction, memory, military history, and, especially, race, all as interpreted by modern scholarship. Offered alternate years.
Credits 3
Prerequisites
HIST-201
Term Offered
Spring Only
Session Cycle
S

HIST-462 : History of the United States South

Survey of the former slaveholding states. Focuses on slavery and slavery politics, race relations, and distinctive characteristics of Southern Society. Offered alternate years.
Credits 3
Term Offered
Fall Only
Session Cycle
F

HIST-470 : Seminar in Theory & Practice of History

An in-depth seminar in historical research and the examination of historical theory culminating in the preparation and presentation of a major research paper based on primary historical sources.
Credits 3
Term Offered
Fall Only
Session Cycle
F

HIST-480X : Internship

Provides an opportunity for a student to gain field experience in an area related to the student's program of study or career goals. The learning objectives for internships include connecting academic knowledge and problem-solving processes to experiences and problems in professional settings. Supervision of an intern is provided by an appropriate faculty member and by a site supervisor of the agency or business in which the student is an intern. A student who wishes to engage in an internship must consult with the appropriate faculty member at least eight weeks in advance of the start of the term in which the internship is to be completed. A description of the internship, signed by the student and the faculty sponsor, must be filed with the director of internships by the first day of the semester prior to the start of the internship. Approval of each application for an internship is made by the director of internships based upon approved policies and guidelines. Internships are graded on an S or U basis. Students must complete 120 hours of internship-related work as well as weekly journal entries and a final reflective paper completed in accordance with approved requirements. A student may enroll in an internship program for 3 credits per semester, and internship credit may be earned in subsequent semesters subject to the limitations that no more than two internships may be pursued in any one agency or business and a maximum of 9 credits in internships may be applied toward graduation. FILA general education: experiential learning.
Credits 3
Prerequisites
FILA-150 or FILA-350EW, junior or senior standing, and a minimum 2.0 grade point average
Term Offered
All Terms
Session Cycle
A

HIST-490 : Independent Study

Upon approval of the department and the division head, a student with a cumulative grade point average of 2.20 or better may engage in an independent study or research project. One desiring to pursue independent study or research must submit a written description of the proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. At the end of the semester, the supervising professor files with the registrar a grade for the student and a description of the work accomplished. Credit may be received for no more than three independent studies or research projects.
Credits 3
Prerequisites
Completed application submitted to registrar's office
Term Offered
All Terms
Session Cycle
A

HIST-491 : Research

Upon approval of the department and the division head, a student with a cumulative grade point average of 2.20 or better may engage in an independent study or research project. One desiring to pursue independent study or research must submit a written description of the proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. At the end of the semester, the supervising professor files with the registrar a grade for the student and a description of the work accomplished. Credit may be received for not more than three independent studies or research projects.
Credits 3
Prerequisites
Completed application submitted to registrar's office
Term Offered
All Terms
Session Cycle
A

HIST-499 : Honors Project

An honors project is one in which a student researches a subject, by examination of relevant literature or by experimentation or both; the student reports the results in an accurately documented and well-written paper or appropriate representation of the work. Whenever the study deals with the subject of an established course, the student is expected to go well beyond the usual work of the course in research and in assimilation of the results as revealed in the report. Juniors and seniors with a cumulative grade point average of 3.40 or above may register for an honors project. One desiring to pursue an honors project must submit a written description of his or her proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. Upon the completion of the honors project, the student must present an oral defense of his or her project. The final grade must include a satisfactory performance on the oral defense, assessed by a three-faculty member team. The project advisor will authorize the make-up of the oral defense team and will assign the final grade on the project. The honors project title will be noted on the student's transcript. It is the student's responsibility to provide a copy of the written paper or appropriate representation of the work to the library in compliance with specifications approved by the Council on Education. The library director arranges for binding and storage.
Credits 3
Prerequisites
Completed application submitted to registrar's office
Term Offered
All Terms
Session Cycle
A

PSCI-205 / SOC-205 : Global Identities

Interdisciplinary exploration of the power and dynamics of human similarities and differences on a global scale. Covers globalization from the perspective of identity and difference, and provides opportunities to question contemporary assumptions, values and patterns of behavior with the goal of making global interactions more constructive ad more peaceful. FILA general education: global dynamics. (Cross-listed as SOC-205)
Credits 3
Prerequisites
FILA-150 or FILA-350EW
Term Offered
Fall and Spring
Session Cycle
FS

PSCI-210 : Politics & Government in the United States

Introduction to American politics, covering the development of American democracy, relations between the states and the federal government, elections, the role of the media, the three branches of national government, and current public policy. FILA general education: social sciences.
Credits 3
Corequisites
FILA-150 or FILA-350EW
Term Offered
Fall Only
Session Cycle
F

PSCI-215 : Introduction to Public Policy

A comprehensive introduction to the process of developing, implementing and evaluating public policy. Covers the policy process in both theoretical and practical terms including the structure of institutions, decisions made throughout the process, and consequences of decision-making or non-decision-making. Areas of public policy addressed include criminal justice policy, regulatory policy, and healthcare advocacy and policy. FILA general education: social sciences.
Credits 3
Corequisites or Prerequisites
FILA-150 or FILA-350EW
Term Offered
Fall Only
Session Cycle
F

PSCI-220E : Introduction to Political Philosophy

Changing conceptions of freedom and virtue in ancient Greece to contemporary political philosophy. Students analyze popular films to illustrate and critique philosophical theories. General Education: philosophy or religion and ethical reasoning.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Spring Only
Session Cycle
S

PSCI-230 : Introduction to Global Politics

Introduces students to the world as a site of political activity. Examines institutions and processes on a global scale. Topics include sovereignty, power, globalization, war, multilateral institutions, the environment, trade, development, poverty and a variety of current events. FILA general education: global dynamics.
Credits 3
Prerequisites
FILA-150 or FILA-350EW
Term Offered
Fall Only
Session Cycle
F

PSCI-240 : Introduction to Comparative Politics

Introduces the diversity of political structures, processes, cultures, ideologies and change (revolution, democratization, etc.), as manifested in multiple national political systems in the global community. Introduces the application of social science methods to political phenomena. Considers the outcomes of political systems for human well-being. FILA general education: global dynamics.
Credits 3
Prerequisites
FILA-150 or FILA-350EW
Term Offered
Spring Only
Session Cycle
S

PSCI-250 : Methods of Research and Data Analysis

An introduction to the production of knowledge about political phenomena. Topics include the relationship between theory and research, formulation of research questions and research design, and quantitative and qualitative methods. Students will understand and evaluate scholarly research in the field and conduct their own research projects.
Credits 3
Term Offered
Spring Only
Session Cycle
S

PSCI-260 : Campaigns and Elections

This course is an in-depth seminar on campaigns and elections in the United States, especially how the president is elected. The course will help students better understand how the American people engage in elections, how our electoral system works, and how we evaluate leaders. In the beginning, we will discuss how elections and campaigns are run in the United States, how we predict which candidates will win elections, and, finally, citizen participation in the Presidential Election. Three themes running through the course are democracy, evaluation of candidates, and the American public.
Credits 3
Term Offered
Fall Only
Session Cycle
F

PSCI-275 : Individual Liberties, Civil Rights and Immigration

Introduction to the protection of civil rights and liberties under the U.S. Constitution, the application of those rights to citizens and noncitizens and the constitutional principles relevant to policy debates surrounding immigration.
Credits 3
Term Offered
May Term
Session Cycle
M

PSCI-280 : Lying and Lie Detection

Introduces students to the research on and application of lie detection and the political art of lying. Topics include learning to detect lies, application of lies, and determine shades of truth. Lie detection is twofold - learning to detect lies of suspects and knowing how to detect truths of individuals in all areas of life. The work in the class will include analyzing micro-facial expressions, body language, and how society defines lying in different settings. Application of the techniques will include political leaders, countries, cultural differences, and lying with data for political purposes. FILA general education: social sciences.
Credits 3
Corequisites or Prerequisites
FILA-150 or FILA-350EW
Term Offered
Fall Only
Session Cycle
F

PSCI-290E : Aesthetics, Philosophy and Politics

Reviews the role of aesthetics in the history of political philosophy to understand aesthetics as an alternative foundation for politics. Readings include canonical figures in the history of philosophy, such as Thucydides, Plato, Aristotle, Hume, Kant, Nietzsche, Dewey and Arendt. Emphasis on developing aesthetic judgment as a key capacity of citizenship. FILA general education: ethical reasoning. Offered alternate years.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
May Term
Session Cycle
M

PSCI-310 : Latin American Politics

Comparative analysis of contemporary Latin American politics and governments. Considers political and economic themes, noting especially the challenges of democracy, development and inequality. Examines the region's relationship with the rest of the world, including the United States. FILA general education: world cultures.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; PSCI-240; or permission of instructor
Term Offered
Spring Only
Session Cycle
S

PSCI-315 : Politics of the Global South

Examines the political and economic relationship of the lower-income, developing countries of Latin America, Africa, Asia, and Oceania--the Global South--with the higher-income countries of the Global North, and explores the comparative political dynamics of the developing world. Engages the concepts of development, governance, diversity, and inequality. FILA general education: global dynamics.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Spring Only
Session Cycle
S

PSCI-320 : State and Local Politics

This course is an introduction to State and Local Government, and Virginia Government in particular. The course will help students better understand how structures of local and state governments are established and redefined by the people. Topics will include federalism and the institutions of state government, state and local policies and financing, Virginia state government, state involvement in American politics, the structure of state institutions and how states differ.
Credits 3
Term Offered
Fall Only
Session Cycle
F

PSCI-332 : Women & Politics

Explores the role of women in American and global politics in order to understand the role of identity, institutions and social movements in democracy. Topics include women's influence on the development of the modern American welfare state, feminism, public policy issues of special importance to women, and social movement strategies. Offered alternate years.
Credits 3
Term Offered
Fall Only
Session Cycle
F

PSCI-335W : Peace, War and World Politics

Examines human understanding of the institution of warfare and alternative means of managing large-scale conflict. Also studies the concept of peace, including the personal and policy implications of the various definitions of the term. FILA general education: global dynamics and writing intensive. Offered alternate years.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Fall Only
Session Cycle
F

PSCI-336 : United Nations

History, structures, issues and politics of the United Nations, and a consideration of the organization's role in world politics. This course may include travel to New York City or Washington DC. FILA general education: global dynamics. Offered alternate years.
Credits 3
Prerequisites
FILA-150 or FILA-350EW
Term Offered
Fall Only
Session Cycle
F

PSCI-338X : Politics of Social Change

A travel course in which students travel to a site of recent political and social changes to explore the causes, dynamics and implications of revolutionary change. FILA general Education: global dynamics and experiential learning.
Credits 3
Prerequisites
FILA-150 or FILA-350EW
Term Offered
May Term
Session Cycle
M

PSCI-340 : Media & Politics

Examination of the role of mass media in American politics. Topics include the effect of journalistic norms on political news, the impact of new media technologies from newspapers to the Internet, media objectivity, and the effect of media on political reasoning and behavior.
Credits 3
Term Offered
May Term
Session Cycle
M

PSCI-345 : Political Psychology

This course is an in-depth analysis to the topic of Political Psychology. The course will combine knowledge from Political Science and Psychology and help students to broaden their political and psychological knowledge. Topics will include the purpose of political psychology, individuals, identity, groups, nations, and the interactions between each of these.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
May Term
Session Cycle
M

PSCI-350 : Constitutional Law of Federalism & Institutional Powers

Examination of the development of US Supreme court decisions in the areas of federalism and the powers of the three branches of the federal government. Topics include judicial review, the war powers of the President, substantive due process, government takings, and the commerce clause. Offered alternate years.
Credits 3
Term Offered
Fall Only
Session Cycle
F

PSCI-351 : Competitive Moot Court

This course prepares students to participate in moot competitions sponsored by the American collegiate Moot curst Association (http://www.acmamootcourt.org/). Students will write briefs on the annual ACMA case problem and the precedent cases in the problem case portfolio. Students will also practice oral argumentation on the case problem. Not all students will compete in the competition. May be repeated for credit. Taught in the Fall to coincide with ACMA competition schedule.
Credits 1
Term Offered
Fall Only
Session Cycle
F

PSCI-355 : Constitutional Law of Civil Rights and Liberties

Examination of the development of US Supreme Court decisions in the areas of civil rights and civil liberties. Topics include first amendment rights to freedom of speech, press, and assembly, due process rights, and rights to equal protection. This course also considers the First Amendment as a site for interfaith dialogue. Offered alternate years.
Credits 3
Term Offered
Spring Only
Session Cycle
S

PSCI-356 : United States Foreign Policy

Examines the continuity and changes in the contexts, structures, processes, actors and issues of U.S. foreign policy in the 20th and 21st centuries. Offered alternate years.
Credits 3
Term Offered
Fall Only
Session Cycle
F

PSCI-360 : Population, Immigration, and Politics

This course takes a surveying view of the political, social and economic consequences of population movement phenomena focusing on two central elements: Migration and Identity Politics. In an effort to accommodate the broad theme, the course will view population movement phenomena from the perspectives of immigrants, host and origin nations, as well as global state and non-state actors. FILA general education: global dynamics.
Credits 3
Recommended Prerequisites
PSCI-240
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Spring Only
Session Cycle
S

PSCI-365E : Politics of Human Rights

An examination of conceptions of human rights, the global discourse around human rights, and efforts to protect those rights. Topics include why governments violate the rights of their citizens, the role of human rights activism in shaping global public discourse and affecting the practices of governments, international human rights law, and the human rights dimensions of foreign policy. FILA general Education: global dynamics and ethical reasoning.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Fall Only
Session Cycle
F

PSCI-370 : Issues in Global Politics

Major themes, questions, problems and events in global politics as chosen by the instructor. Students will engage in written and public discourse concerning topics that are global in scope and important to understanding politics in the twenty-first century. FILA general education: global dynamics.
Credits 3
Prerequisites
FILA-150 or FILA-350EW
Term Offered
Spring Only
Session Cycle
S

PSCI-380 : Public Administration

Examination of the most pressing domestic issues confronting American society in the 21st century and the institutions and legal regimes developed to administer public policy. Topics include health care, education, criminal justice, social welfare policies, immigration, environmental issues, organizational theory, bureaucratic management and budgeting. Emphasizes active learning with simulations, debates, and engagement with public policy and public administration professionals. Offered alternate years.
Credits 3
Term Offered
Spring Only
Session Cycle
S

PSCI-390 : Public Policy

Examination of the development and implementation of public policy with an emphasis on understanding change in policy regimes over time and the variety of regulatory mechanisms. Students research public policy on a topic of their choosing such as agriculture, social welfare, health care or environment. Offered alternate years.
Credits 3
Term Offered
Fall Only
Session Cycle
F

PSCI-400 : Professional Development

This course is designed to prepare the political science student for entry into the job market, or further study at the graduate level. This class meets once a week and addresses issues of relevance to the political science professional. Topics of relevance to postgraduates, including graduate exams, graduate applications and resume and interview preparation will be discussed. Students will prepare a career portfolio, individually designed to meet their specific needs, in which professional and graduate school application materials will be collected. The portfolio will be fully assessed at the end of the semester.
Credits 1
Prerequisites
Junior standing
Term Offered
Spring Only
Session Cycle
S

PSCI-401E : Contemporary Political Thought

Examination of the origins and development of contemporary notions of freedom, democracy and equality from Nietzsche to contemporary political philosophy. Topics include liberalism, libertarianism and post-modern political thought. FILA general education: philosophy or religion and ethical reasoning. Offered alternate years.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Spring Only
Session Cycle
S

PSCI-402E : Philosophy of Law and Jurisprudence

Reviews major theories on the nature of law and legal systems, including the issues of authority, justice, rights, legitimacy, morality, legal interpretation, liberty, punishment and judicial ethics that concern them. Topics include natural law, legal positivism, legal realism, political liberalism, interpretive theories, and critical legal theory. FILA general education: philosophy or religion and ethical reasoning. Offered alternate years.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Spring Only
Session Cycle
S

PSCI-405E : Foundations of American Political Thought

The development of American political thought from the Puritans to Abraham Lincoln. Topics include the debates leading to the American Revolution, the importance of liberal and republican thought on the Founding, Federalist and Anti-Federalism arguments over the Constitution, Hamiltonian and Jeffersonian visions of nationalism, Transcendentalism, and the debates over state's rights and slavery that led to the American Civil War. FILA general education: philosophy or religion and ethical reasoning. Offered alternate years.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Fall Only
Session Cycle
F

PSCI-410 : Public Opinion and Behavior

This course will focus on how public opinion is formed, used and expressed in politics. Considering a broad range of topics that Americans think about, this class will examine public opinion and how it impacts politics and public policy. Understanding how political beliefs and opinions shape behavior is essential to understanding how American public policy works, how any why people engage in social and political behaviors, and the power of people to change their political environment.
Credits 3
Prerequisites
FILA-150 or FILA-350EW
Term Offered
Fall Only
Session Cycle
F

PSCI-415 : Policymaking, Interest Groups & Congress

Examination of how Congress, the Presidency, and interest groups work together to make federal public policy. Topics include the legislative process, interest group activities, and the role of the presidency in the development of the federal administrative state. Students research policy-making on a topic of their choosing. Offered alternate years.
Credits 3
Term Offered
Spring Only
Session Cycle
S

PSCI-420W : International Law & Organization

Explores the nature of international law and its similarities and differences with domestic law. Examines the institutions, rules, and organizations that provide the context for global interactions in an increasingly globalizing world. Case studies include issues such as human rights, the International Criminal Court, the World Trade Organization and the World Bank, and International Monetary Fund. FILA general education: writing intensive. Offered alternate years.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Fall Only
Session Cycle
F

PSCI-440W : Global Political Economy

Political implications of global economic relations, including such topics as the politics of trade, monetary relations, financial crises, development, global systems of production and consumption and multinational corporations. FILA general education: global dynamics and writing intensive. Offered alternate years.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Spring Only
Session Cycle
S

PSCI-470 : Seminar in Global Studies & Political Science

Examination of significant professional literature in political science and international studies through preparation and presentation of a major research paper.
Credits 3
Term Offered
Fall Only
Session Cycle
F

PSCI-480X : Internship

Provides an opportunity for a student to gain field experience in an area related to the student's program of study or career goals. The learning objectives for internships include connecting academic knowledge and problem-solving processes to experiences and problems in professional settings. Supervision of an intern is provided by an appropriate faculty member and by a site supervisor of the agency or business in which the student is an intern. A student who wishes to engage in an internship must consult with the appropriate faculty member at least eight weeks in advance of the start of the term in which the internship is to be completed. A description of the internship, signed by the student and the faculty sponsor, must be filed with the director of internships by the first day of the semester prior to the start of the internship. Approval of each application for an internship is made by the director of internships based upon approved policies and guidelines. Internships are graded on an S or U basis. Students must complete 120 hours of internship-related work as well as weekly journal entries and a final reflective paper completed in accordance with approved requirements. A student may enroll in an internship program for 3 credits per semester, and internship credit may be earned in subsequent semesters subject to the limitations that no more than two internships may be pursued in any one agency or business and a maximum of 9 credits in internships may be applied toward graduation. FILA general education: experiential learning.

Credits 3

Prerequisites

FILA-150 or FILA-350EW, junior or senior standing, and a minimum 2.0 grade point average

Term Offered

All Terms

Session Cycle

A

PSCI-490 : Independent Study

Upon approval of the department and the division head, a student with a cumulative grade point average of 2.20 or better may engage in an independent study or research project. One desiring to pursue independent study or research must submit a written description of the proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. At the end of the semester, the supervising professor files with the registrar a grade for the student and a description of the work accomplished. Credit may be received for no more than three independent studies or research projects.

Credits 3

Prerequisites

Completed application submitted to registrar's office

Term Offered

All Terms

Session Cycle

A

PSCI-491 : Research

Upon approval of the department and the division head, a student with a cumulative grade point average of 2.20 or better may engage in an independent study or research project. One desiring to pursue independent study or research must submit a written description of the proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. At the end of the semester, the supervising professor files with the registrar a grade for the student and a description of the work accomplished. Credit may be received for not more than three independent studies or research projects.

Credits 3

Prerequisites

Completed application submitted to registrar's office

Term Offered

All Terms

Session Cycle

A

PSCI-499 : Honors Project

An honors project is one in which a student researches a subject, by examination of relevant literature or by experimentation or both; the student reports the results in an accurately documented and well-written paper or appropriate representation of the work. Whenever the study deals with the subject of an established course, the student is expected to go well beyond the usual work of the course in research and in assimilation of the results as revealed in the report. Juniors and seniors with a cumulative grade point average of 3.40 or above may register for an honors project. One desiring to pursue an honors project must submit a written description of his or her proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. Upon the completion of the honors project, the student must present an oral defense of his or her project. The final grade must include a satisfactory performance on the oral defense, assessed by a three-faculty member team. The project advisor will authorize the make-up of the oral defense team and will assign the final grade on the project. The honors project title will be noted on the student's transcript. It is the student's responsibility to provide a copy of the written paper or appropriate representation of the work to the library in compliance with specifications approved by the Council on Education. The library director arranges for binding and storage.

Credits 3

Prerequisites

Completed application submitted to registrar's office

Term Offered

All Terms

Session Cycle

A

Interdisciplinary & Independent Studies

IDS-100H : Course Linkage

An examination of the relationships and connections between two courses in different disciplines. Students complete a major paper or project that integrates concepts and themes of the two courses. One desiring to pursue a course linkage must submit a completed application at the time of registration.
Credits 1
Prerequisites
Membership in Flory Fellowship of Scholars and approval of instructors of both courses
Term Offered
Fall and Spring
Session Cycle
FS

IDS-201 : Leadership Development Seminar

Designed to help students become better leaders. Students come to understand, develop and apply the knowledge, skills, attitudes and vision associated with effective, socially responsible leadership.
Credits 3
Term Offered
Fall and Spring
Session Cycle
FS

IDS-300 : First Year Seminar Mentorship

First Year Seminar Mentors assist incoming students with the transition to college by providing information and support before and during their first semester at Bridgewater. They help run new student orientation and welcome week activities. They assist first-year seminar instructors with programming, modules, activities, and by modelling appropriate classroom engagement. Courses will be graded on an S/U basis. May be repeated for a total of 3 credits.
Credits 1
Prerequisites
Students must apply through Student Life and be accepted as Soar Mentors. Students must attend training prior to the start of their Soar Mentor duties. They must assist with new student orientation and Welcome Week, or be excused by the appropriate Student Life personnel.
Term Offered
Fall Only
Session Cycle
F

IDS-311 : Leadership Skills I

Provides the student with background information and practice opportunities for skills of leadership such as team building, goal setting, interpersonal communication, decision making and conflict resolution. Different sets of skills are developed in Leadership Skills I and Leadership Skills II.
Credits 1
Prerequisites
Sophomore standing
Term Offered
Fall and Spring
Session Cycle
FS

IDS-312 : Leadership Skills II

Provides the student with background information and practice opportunities for skills of leadership such as team building, goal setting, interpersonal communication, decision making and conflict resolution. Different sets of skills are developed in Leadership Skills I and Leadership Skills II.
Credits 1
Prerequisites
Sophomore standing
Term Offered
Fall and Spring
Session Cycle
FS

IDS-460 : Career Exploration and Professional Development

This course requires participation in The BC2DC Program at The Washington Center. Students will complete an independent study course work related to the career readiness and professional development course taken during the BC2DC program. The course is a mix of professional development workshops, career exploration sessions, networking events and one-on-one advising designed to help students maximize their internship experience and come away with a plan for their next steps.
Credits 3
Prerequisites
Approved participation in the BC2DC program

IDS-470H : Honors Capstone Seminar

The senior capstone experience for students in the Flory Fellowship Scholars, emphasizing the nature of scholarly inquiry and the interdisciplinary, liberal arts experience. Honors Course.
Credits 3
Prerequisites
Membership in Flory Fellowship of Scholars
Term Offered
Spring Only
Session Cycle
S

IDS-471 : Leadership & Community Engagement Capstone Seminar

Senior capstone experience for the Leadership and Community Engagement Minor. Only open to students enrolled in the minor or by permission of the professor, this course requires students to integrate knowledge on the nature of leadership and community engagement through discussions of readings, interactions with guest speakers, participation in leadership "labs", and presentations which emphasize reflecting on the development of their own leadership skills and community engagement. This course is intended to give students direct and immediate practice through the requirement of a leadership and community engagement project that culminates in a presentation at the end of the course.
Credits 3
Prerequisites
Membership in the Leadership & Community Engagement Minor; successful completion of IDS-201, SOC-210E, and elective course requirements for the minor.
Term Offered
Spring Only
Session Cycle
S

IDS-480X : Washington Center Internship

This course requires participation in The BC2DC Program, a semester long, residential internship and career preparation based in program in Washington, DC, in partnership with The Washington Center. Students typically participate in internships that range from 20-36 hours a week per 15-week semester at a placement in Washington, DC.
Credits 9
Prerequisites
Approved participation in the BC2DC program

IDS-490 : Washington Center Independent Study

This course requires participation in The BC2DC Program. Students will complete an independent study based on course work related to a course offering they take during the BC2DC program at the Washington Center. Students are able to choose a course based on their interests and gain access to faculty members who work as professionals in their fields.
Credits 3
Prerequisites
Approved participation in the BC2DC program

Mathematics & Computer Science

CSCI-100 : Introduction to Programming

This course introduces the fundamentals of programming in a general-purpose object-oriented programming language such as C++ or Java. It emphasizes thought processes necessary to code effectively. Topics include data types, arithmetic and logical expressions, control structures, methods, arrays, and file I/O.
Credits 4
Term Offered
Spring Only
Session Cycle
S

CSCI-101 : Programming I

This course introduces the fundamentals of programming in a general-purpose object-oriented programming language such as C++ or Java. Topics include data types, data representation, arithmetic and logical expressions, control structures, methods, single and two-dimensional arrays, and file I/O. The course consists of 3 credit hours of lecture and 2 hours of lab per week.
Credits 4
Term Offered
Fall and Spring
Session Cycle
FS

CSCI-102 : Programming II

This course is an intermediate course in programming and focuses on Object Oriented Programming and Event-Driven Programming in a high-level programming language. Topics include inheritance, polymorphism, class design, generics, lambda expressions, map-reduce transformations, building GUIs, and an introduction to common data structures.
Credits 4
Prerequisites
A grade of C or greater in CSCI-101, or both CSCI-100 and a grade of C or greater on the CSCI-101 assessment exam
Term Offered
Fall and Spring
Session Cycle
FS

CSCI-130 : Programming with Python

The Python programming language will be explored. The course will cover familiar programming language constructs such as control flow, strings, functions, input/output, and data structures as well as advance topics such as regular expressions, modules and packages. The course also provides experience using Unix commands and version control using git and GitHub.
Credits 3
Term Offered
Spring Only
Session Cycle
S

CSCI-210 : Discrete Mathematics

This course focuses on the fundamentals of discrete mathematics applicable to computer science. The main goals are to learn the mathematical representation of collections of items and their relationships, selection and ordering of items, mathematical reasoning for proofs, model modeling, concepts about probability and computation theory. Topics include: Sets, Relations and Functions, Inductive and Deductive reasoning, Permutations and Combinations, Graphs, Probability, FSMs, PDAs, LBAs (or Regular, Context-Free, Context-Sensitive Grammars) and Turing machines.
Credits 3
Prerequisites
MATH-110
Term Offered
Fall Only
Session Cycle
F

CSCI-220 : Data Structures and Algorithms

Advanced programming techniques will be covered with extensive use of recursion and dynamic data structures. Abstract data types including lists, stacks, queues, trees and hash tables are studied. Algorithms for searching and sorting are explored. The topics in this course provide an essential foundation for the further study of computer science. A general-purpose object-oriented programming language such as C++ or Java will be used to illustrate these topics.
Credits 3
Prerequisites
A grade of C or greater in CSCI-102
Term Offered
Spring Only
Session Cycle
S

CSCI-230 : Web Scripting

This course introduces the JavaScript programming language. Students learn how to use JavaScript to dynamically create and manipulate elements within web pages. Advanced JavaScript utilities such as rest operator, generators, destructuring, object literals, arrow functions, modern classes, and promises are also discussed. Offered alternate years.
Credits 3
Prerequisites
A grade of C or greater in CSCI-100 or CSCI-101 or CSCI-130
Term Offered
Spring Only
Session Cycle
S

CSCI-320 : Algorithm Analysis and Design

This course covers the principles of algorithm design and analysis. Different approaches to design such as divide and conquer, greedy, and dynamic programming are covered. Advanced data structures beyond the basic lists, stacks and trees are also introduced such as red-black and AVL trees. Proving the correctness of algorithms and analysis using advanced techniques such as the master theorem are covered. Tractability of algorithms is discussed including NP-Completeness.
Credits 3
Prerequisites
CSCI-210; CSCI-220
Term Offered
Fall Only
Session Cycle
F

CSCI-341 : Computer Architecture

Introduction to computer systems and their organization. Topics include CPU design and construction using logic gates, data representation, and assembly language representation of common programming language constructs including conditionals, loops and functions. The gcc compiler and the C programming language will be used to illustrate these topics.
Credits 3
Prerequisites
CSCI-210; CSCI-220
Term Offered
Fall Only
Session Cycle
F

CSCI-342 : Operating Systems

Covers principles of computer operating systems including the management of processes, memory, I/O devices, and file systems. Other topics include issues of scheduling, security, and concurrency, distributed systems and virtualization. Students will gain practical experience working with the LINUX operating system, the C programming language, and various system libraries.
Credits 3
Prerequisites
CSCI-341
Term Offered
Spring Only
Session Cycle
S

CSCI-350 : Computer Networks

Networked machines are at the core of today's computing world. This course covers the theory and practice of networking, from applications to the physical components including IP, routing, internetworking, TCP/UDP, congestion control, wireless and security. All the concepts are demonstrated using network simulation software and tools. Students will implement many algorithms for networking such as routing and communication in a contemporary programming language.
Credits 3
Prerequisites
CSCI-210; CSCI-220
Term Offered
Fall Only
Session Cycle
F

CSCI-360 : Introduction to Cybersecurity

This course is an introduction to cybersecurity. The course will discuss cybersecurity concepts, security domains, threat space, risks, auditing, access controls in file systems, cryptography, and writing security policies and standards. The course will discuss different categories of malware. We will discuss some methods an adversary can use to attack information systems. Offered alternate years.
Credits 3
Prerequisites
CSCI-210; CSCI-220
Term Offered
Spring Only
Session Cycle
S

CSCI-362 : Applied Cryptography

This course is about the fundamentals of cryptography and its applications. Details of classical and contemporary cryptographic algorithms are first examined along with techniques to break them. Next, the various applications of cryptography are explored including web, email, network authentication and digital currencies. Students will use both software tools (GUI and/or command-line) for testing ciphers and use crypto API in a programming language to design programs as well.
Credits 3
Prerequisites
CSCI-210; CSCI-220
Corequisites or Prerequisites
CSCI-350
Term Offered
Fall Only
Session Cycle
F

CSCI-400 : Software Engineering

This course is a project-based course that covers the tools and processes used in modern software development. Students will work in teams to design, implement, test, and document a software system. Various topics are discussed including Agile development, software repository management, and licensing.
Credits 3
Prerequisites
Senior standing in the computer science major or both CSCI-220 and permission by instructor
Term Offered
Fall Only
Session Cycle
F

CSCI-410 : Numerical Algorithms

This course studies algorithms for generating and using mathematical objects such as permutations and subsets. It also studies algorithms for efficient computing of mathematical quantities such as exponents and numbers modulo n. It will also study topics in computational geometry such as determining whether two line segments intersect. Offered alternate years.
Credits 3
Prerequisites
CSCI-210; CSCI-220
Term Offered
Fall Only
Session Cycle
F

CSCI-412 : Theoretical Cryptography

This course studies the mathematical theory behind cryptographic systems including the RSA encryption algorithm. It will also examine ways of breaking current encryption systems. Offered alternate years.
Credits 3
Prerequisites
CSCI-210 or MATH-300
Term Offered
Spring Only
Session Cycle
S

CSCI-414 : Coding Theory

This course studies the detection and correction of errors which occur when transmitting data. It will include maximum likelihood and nearest neighbor decoding, linear codes, and Hamming codes. Offered alternate years.
Credits 3
Prerequisites
CSCI-210 or MATH-300
Term Offered
Fall Only
Session Cycle
F

CSCI-430 : Server-Side Web Development

This course covers servers-side web application development. Students will learn to set up a development server and develop web application servers that incorporate database connectivity and user authentication, and that provide RESTful APIs. Topics also include web protocols and security issues. Offered alternate years.
Credits 3
Prerequisites
CSCI-220; DSA-230
Term Offered
Spring Only
Session Cycle
S

CSCI-432 : Client-Side Web Development

This course covers the design and development of rich reactive web UI's using front-end JavaScript frameworks such as Bootstrap, Angular.js, React.js and Vue.js. Offered alternate years.
Credits 3
Prerequisites
CSCI-220; CSCI-230
Term Offered
Spring Only
Session Cycle
S

CSCI-450 : Special Topics

Devoted to a subject chosen from among the various fields of computer science in which regular courses are not offered. Possible topics include graphics, natural language processing, scientific computing, web programming, GIS, parallel processing, robotics, simulation, as well as others. A student may take the course more than once, provided different topics are covered. Offered on demand.
Credits 3
Prerequisites
Based on topic or permission of instructor
Term Offered
All Terms
Session Cycle
A

CSCI-460 : Network Security

Networks are a key aspect of computing. Security issues in various aspects of networking are examined in this course including network programming and network administration. All layers of TCP/IP are studied for vulnerabilities and protection mechanisms. Network defense tools such as IDPS and firewalls are explored. Practical, lab-based activities using network simulators, packet sniffers, and software tools are included throughout the course for demonstration and training. Offered alternate years.
Credits 3
Prerequisites
CSCI-350
Term Offered
Spring Only
Session Cycle
S

CSCI-462 : Software Security

This course covers principles and techniques to improve the security of software. Secure software engineering principles using software development life cycle models are explored. Popular programming languages, vulnerabilities in the languages, execution platforms, compiler provisions, secure libraries, and cryptographic API are covered. Students will analyze code for vulnerabilities and design code to enhance security by exploiting security provisions at compile-time and run-time as well as use cryptographic API. Offered alternate years.
Credits 3
Prerequisites
CSCI-360
Term Offered
Spring Only
Session Cycle
S

CSCI-480X : Internship

Provides an opportunity for a student to gain field experience in an area related to the student's program of study or career goals. The learning objectives for internships include connecting academic knowledge and problem-solving processes to experiences and problems in professional settings. Supervision of an intern is provided by an appropriate faculty member and by a site supervisor of the agency or business in which the student is an intern. A student who wishes to engage in an internship must consult with the appropriate faculty member at least eight weeks in advance of the start of the term in which the internship is to be completed. A description of the internship, signed by the student and the faculty sponsor, must be filed with the director of internships by the first day of the semester prior to the start of the internship. Approval of each application for an internship is made by the director of internships based upon approved policies and guidelines. Internships are graded on an S or U basis. Students must complete 120 hours of internship-related work as well as weekly journal entries and a final reflective paper completed in accordance with approved requirements. A student may enroll in an internship program for 3 credits per semester, and internship credit may be earned in subsequent semesters subject to the limitations that no more than two internships may be pursued in any one agency or business and a maximum of 9 credits in internships may be applied toward graduation. FILA general education: experiential learning.

Credits 3

Prerequisites

FILA-150 or FILA-350EW, junior or senior standing, and a minimum 2.0 grade point average

Term Offered

All Terms

Session Cycle

A

CSCI-490 : Independent Study

Upon approval of the department and the division head, a student with a cumulative grade point average of 2.20 or better may engage in an independent study or research project. One desiring to pursue independent study or research must submit a written description of the proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. At the end of the semester, the supervising professor files with the registrar a grade for the student and a description of the work accomplished. Credit may be received for no more than three independent studies or research projects.

Credits 3

Prerequisites

Completed application submitted to registrar's office

Term Offered

All Terms

Session Cycle

A

CSCI-491 : Research

Upon approval of the department and the division head, a student with a cumulative grade point average of 2.20 or better may engage in an independent study or research project. One desiring to pursue independent study or research must submit a written description of the proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. At the end of the semester, the supervising professor files with the registrar a grade for the student and a description of the work accomplished. Credit may be received for not more than three independent studies or research projects.

Credits 3

Prerequisites

Completed application submitted to registrar's office

Term Offered

All Terms

Session Cycle

A

CSCI-499 : Honors Project

An honors project is one in which a student researches a subject, by examination of relevant literature or by experimentation or both; the student reports the results in an accurately documented and well-written paper or appropriate representation of the work. Whenever the study deals with the subject of an established course, the student is expected to go well beyond the usual work of the course in research and in assimilation of the results as revealed in the report. Juniors and seniors with a cumulative grade point average of 3.40 or above may register for an honors project. One desiring to pursue an honors project must submit a written description of his or her proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. Upon the completion of the honors project, the student must present an oral defense of his or her project. The final grade must include a satisfactory performance on the oral defense, assessed by a three-faculty member team. The project advisor will authorize the make-up of the oral defense team and will assign the final grade on the project. The honors project title will be noted on the student's transcript. It is the student's responsibility to provide a copy of the written paper or appropriate representation of the work to the library in compliance with specifications approved by the Council on Education. The library director arranges for binding and storage.

Credits 3

Prerequisites

Completed application submitted to registrar's office

Term Offered

All Terms

Session Cycle

A

DSA-225 : Statistical Methods With R

This course develops practical skills in applying statistical methods to problem-solving and research. Topics cover simple linear regression (SLR), ANOVA, Chi-Square distribution, and basic nonparametric testing. This course uses statistical methods in the R environment to perform statistical analysis.
Credits 3
Prerequisites
MATH-140 or permission of instructor
Term Offered
Fall Only
Session Cycle
F

DSA-230 : Database Systems

Introducing database systems and database management. The emphases are database design and implementation. The topics covered include ERM (ERD) and EERM (EERD), relational and object-oriented database design, SQL and QBE. This course focuses on practical skill in database design and implementation.
Credits 3
Prerequisites
CSCI-210 or permission of instructor
Term Offered
Spring Only
Session Cycle
S

DSA-300 : Advanced Data Analytics

This course explores advanced data analytics models. Topics cover multivariate modeling, multiple linear regression modeling, time series analytics, risk analysis, optimization analysis, etc. The courses emphasizes applying R in data analytics modeling for marketing, consumer management, risk management, and operation efficiency. Offered alternate years.
Credits 3
Prerequisites
MATH-133; DSA-225; CSCI-200
Term Offered
Spring Only
Session Cycle
S

DSA-330 : Data Warehousing

This course introduces the methods for developing data warehouses. Core topics include data warehouse design, implementation, and maintenance. This course takes a practical approach to introduce the best practices of using data warehousing to support business intelligence (BI).
Credits 3
Prerequisites
DSA-230
Term Offered
Fall Only
Session Cycle
F

DSA-350 : Data Acquisition

This courses introduces fundamental concepts and methods in data acquisition. Topics cover data selection, retrieval, cleansing, transformation, and loading. Advanced Python data structures (e.g., heap, series, narrays, matrices, DataFrame, etc.) are used to carry out data acquisition. Analytic tools for evaluating data acquisition processes are emphasized. The key issues related to data acquisition are addressed. Visual analytic methods are introduced for data acquisition. The course also covers automating complex data acquisition tasks with Python. Offered alternate years.
Credits 3
Prerequisites
DSA-330; CSCI-200
Term Offered
Spring Only
Session Cycle
S

DSA-375 : Data Visualization

Introducing the principles of data visualization and D3.js. The key topics covered include basic data visualization principles and methods, as well as D3.js applications in visualizes data analysis results. The students will gain hand-on skills in using D3.js to produce high quality aesthetic graphs by completing a data analytic project with D3.js graphs. Offered alternate years.
Credits 3
Prerequisites
DSA-225; CSCI-230
Term Offered
Spring Only
Session Cycle
S

DSA-400 : Intelligent Search Methods

This course introduces the methods for intelligent searches. Core topics include logic fundamentals for AI, state models, and inference engines. The students will explore AI applications of intelligence search methods, and gain hands-on experience in developing preliminary an intelligence search engine. Offered alternate years.
Credits 3
Prerequisites
DSA-300; CSCI-210
Term Offered
Fall Only
Session Cycle
F

DSA-425 : Data Mining and Business Intelligence

This course cover data mining techniques to search patterns in large data set. Topics include the fundamental data mining models for clustering, decision trees, association analysis, and neural networks. The objective of this course is to develop skills in deriving predictive knowledge from data mining to improve business intelligence. Offered alternate years.

Credits 3

Prerequisites

DSA-300; MATH-210

Term Offered

Fall Only

Session Cycle

F

DSA-450 : Machine Learning

This course introduces learning techniques for machine learning including stochastic learning, ensamples, density analytics, descent methods, intelligence analysis, etc. Algorithmic design and implementation are introduced in the context of machine learning. This course will also cover the issues and applications of machine learning. Offered alternate years.

Credits 3

Prerequisites

DSA-350; DSA-425

Term Offered

Spring Only

Session Cycle

S

DSA-475 : Big-Data and Cloud Computing

Introducing the concepts of big data and cloud computing. Topics cover big-data concepts, popular cloud computing platforms (e.g., Google App Engine, IBM Bluemix and Amazon Web Service), as well as cloud programming architectures and paradigms. The emphasis is Hadoop ecosystem, including the fundamentals of HDFS and MapReduce (e.g., HDFS architectures, parallel algorithm design, and parallel performance analysis). Offered alternate years.

Credits 3

Prerequisites

DSA-400; DSA-425

Term Offered

Spring Only

Session Cycle

S

DSA-480X : Internship

Provides an opportunity for a student to gain field experience in an area related to the student's program of study or career goals. The learning objectives for internships include connecting academic knowledge and problem-solving processes to experiences and problems in professional settings. Supervision of an intern is provided by an appropriate faculty member and by a site supervisor of the agency or business in which the student is an intern. A student who wishes to engage in an internship must consult with the appropriate faculty member at least eight weeks in advance of the start of the term in which the internship is to be completed. A description of the internship, signed by the student and the faculty sponsor, must be filed with the director of internships by the first day of the semester prior to the start of the internship. Approval of each application for an internship is made by the director of internships based upon approved policies and guidelines. Internships are graded on an S or U basis. Students must complete 120 hours of internship-related work as well as weekly journal entries and a final reflective paper completed in accordance with approved requirements. A student may enroll in an internship program for 3 credits per semester, and internship credit may be earned in subsequent semesters subject to the limitations that no more than two internships may be pursued in any one agency or business and a maximum of 9 credits in internships may be applied toward graduation. FILA general education: experiential learning.

Credits 3

Prerequisites

FILA-150 or FILA-350EW, junior or senior standing, and a minimum 2.0 grade point average

Term Offered

All Terms

Session Cycle

A

DSA-490 : Independent Study

Upon approval of the department and the division head, a student with a cumulative grade point average of 2.20 or better may engage in an independent study or research project. One desiring to pursue independent study or research must submit a written description of the proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. At the end of the semester, the supervising professor files with the registrar a grade for the student and a description of the work accomplished. Credit may be received for no more than three independent studies or research projects.

Credits 3

Prerequisites

Completed application submitted to registrar's office

Term Offered

All Terms

Session Cycle

A

DSA-491 : Research

Upon approval of the department and the division head, a student with a cumulative grade point average of 2.20 or better may engage in an independent study or research project. One desiring to pursue independent study or research must submit a written description of the proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. At the end of the semester, the supervising professor files with the registrar a grade for the student and a description of the work accomplished. Credit may be received for not more than three independent studies or research projects.
Credits 3
Prerequisites
Completed application submitted to registrar's office
Term Offered
All Terms
Session Cycle
A

DSA-499 : Honors Project

An honors project is one in which a student researches a subject, by examination of relevant literature or by experimentation or both; the student reports the results in an accurately documented and well-written paper or appropriate representation of the work. Whenever the study deals with the subject of an established course, the student is expected to go well beyond the usual work of the course in research and in assimilation of the results as revealed in the report. Juniors and seniors with a cumulative grade point average of 3.40 or above may register for an honors project. One desiring to pursue an honors project must submit a written description of his or her proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. Upon the completion of the honors project, the student must present an oral defense of his or her project. The final grade must include a satisfactory performance on the oral defense, assessed by a three-faculty member team. The project advisor will authorize the make-up of the oral defense team and will assign the final grade on the project. The honors project title will be noted on the student's transcript. It is the student's responsibility to provide a copy of the written paper or appropriate representation of the work to the library in compliance with specifications approved by the Council on Education. The library director arranges for binding and storage.
Credits 3
Prerequisites
Completed application submitted to registrar's office
Term Offered
All Terms
Session Cycle
A

MATH-105 : Mathematical Theory & Computation I

The courses are logically divided into four primary areas: arithmetic, geometry, algebra, and problem solving. Each of the four areas is studied in both terms. The theory of problem solving is an integral part of all aspects of the courses. The study of arithmetic includes the theory arithmetic operations and the development of skills in computation; number theory and patterns in sequences of numbers are used to introduce the basics of mathematical proofs. The study of geometry includes identification of plane and solid geometric shapes, computations of perimeter, area and volume, and trigonometry of right triangles. The study of algebra includes basic algebraic operations, computation using functions, and graphing.
Credits 3
Term Offered
Fall Only
Session Cycle
F

MATH-110 : College Algebra

Real numbers, exponents, radicals, and algebraic operations with polynomial and rational functions. Solving equations and graphing expressions involving polynomial and rational functions, and exponential and logarithmic functions. FILA general education: master core skills.
Credits 3
Term Offered
Fall and Spring
Session Cycle
FS

MATH-115 : Mathematical Theory & Computation II

The courses are logically divided into four primary areas: arithmetic, geometry, algebra, and problem solving. Each of the four areas is studied in both terms. The theory of problem solving is an integral part of all aspects of the courses. The study of arithmetic includes the theory arithmetic operations and the development of skills in computation; number theory and patterns in sequences of numbers are used to introduce the basics of mathematical proofs. The study of geometry includes identification of plane and solid geometric shapes, computations of perimeter, area and volume, and trigonometry of right triangles. The study of algebra includes basic algebraic operations, computation using functions, and graphing. FILA general education: master core skills.
Credits 3
Prerequisites
MATH-105
Term Offered
Spring Only
Session Cycle
S

MATH-118 : Quantitative Reasoning

This course is designed to provide development of basic computational skills and introductory algebra concepts like solutions of single variable equations. It will also cover some introductory statistics and probability concepts. Problem solving will be emphasized. The course will contain at least one project that requires students to make extensive use of spreadsheet software like Excel. FILA general education: master core skills.
Credits 3
Term Offered
Fall and Spring
Session Cycle
FS

MATH-120 : Precalculus Mathematics

A precalculus course for students continuing in mathematics. Includes topics in algebra, functions and relations, and trigonometry.
Credits 3
Prerequisites
MATH-110 or satisfactory performance on placement test
Term Offered
Fall and Spring
Session Cycle
FS

MATH-130 : Survey of Calculus

Differential and integral calculus for the student who needs a working knowledge of the subject but does not plan to pursue more advanced study in mathematics. Includes theory and application of limits, derivatives, and integrals. Credit may not be received for both MATH-130 and MATH-131.
Credits 3
Prerequisites
MATH-120 or satisfactory performance on placement test
Term Offered
Spring Only
Session Cycle
S

MATH-131 : Calculus I

Study of differential calculus of a single variable. Applications of the derivative are made to curve sketching, max-min problems, and linear approximation, and l'Hopital's Rule. Also included are applications of the Intermediate Value Theorem and Mean Value Theorem. Credit may not be received for both MATH-130 and MATH-131.
Credits 3
Prerequisites
MATH-120 or satisfactory performance on placement test
Term Offered
Fall and Spring
Session Cycle
FS

MATH-132 : Calculus II

Study of integral calculus of a single variable. Included are techniques of integration and numerical methods of integration. Applications of the integral are made to computing area, volume, arc length, and selected topics.
Credits 3
Prerequisites
MATH-131
Term Offered
Fall Only
Session Cycle
F

MATH-133 : Calculus I

Study of calculus of a single variable. Theory of limits, continuity, differentiation, integration, and Fundamental Theorem of Calculus is studied along with applications including curve sketching, max-min problems, linear approximation, l'Hopital's Rule, Intermediate Value Theorem, Mean Value Theorem, area under a curve, and volumes of rotation. Credit may not be received for both MATH-130 and MATH-133.
Credits 4
Prerequisites
MATH-120 or satisfactory performance on placement test

MATH-134 : Calculus II

A continuation of the study of calculus of a single variable. Included are techniques of integration, further applications including arc length and surface area of rotation, parametric and polar equations, sequences, series, and Taylor series.
Credits 4
Prerequisites
MATH-133
Term Offered
Spring Only
Session Cycle
S

MATH-140 : Introduction to Statistics

Basic descriptive statistics, probability, hypothesis testing, correlation, and regression. Statistical computer software is used to analyze data.
Credits 3
Prerequisites
MATH-110 or MATH-115 or MATH-118
Term Offered
Fall and Spring
Session Cycle
FS

MATH-200 : Introduction to Number Theory

Emphasis is on mathematical proofs. Topics include properties of integers (such as odd, even, prime, etc.), division algorithm, least common multiples, greatest common divisors, binary operations ad modular arithmetic.
Credits 3
Prerequisites
MATH-110
Term Offered
Fall Only
Session Cycle
F

MATH-210 : Introduction to Linear Algebra

Emphasis on finite dimensional vector spaces and the algebra of matrices. Vector topics include n-dimensional vectors, dot product, norm, orthogonality, lines, planes, projections and cross products. Matrix topics include systems of equations, matrix operations, Gauss elimination, determinants, eigenvalues and eigenvectors.
Credits 3
Prerequisites
MATH-120
Term Offered
Spring Only
Session Cycle
S

MATH-231 : Calculus III

Continuation of Calculus I and II. Included are Taylor polynomials, infinite series, and polar coordinates. Also included is an introduction to multivariate calculus and multiple integrals.
Credits 3
Prerequisites
MATH-132
Term Offered
Fall and Spring
Session Cycle
FS

MATH-232 : Calculus IV

Introduction to multivariate calculus. Included are calculus of vector-valued functions and motion in space; limits, continuity, and partial derivatives of functions of several variables; vector fields, Green's Theorem, The Divergence Theorem, and Stokes' Theorem.
Credits 3
Prerequisites
MATH-231; MATH-210 or PHYS-301
Term Offered
Spring Only
Session Cycle
S

MATH-233 : Calculus III

Introduction to multivariate calculus. Included are calculus of vector-valued functions and motion in space; limits, continuity, partial derivatives, and integrals of functions of several variables; vector fields, Green's Theorem, The Divergence Theorem, and Stokes' Theorem.
Credits 4
Prerequisites
MATH-134; MATH-210 or PHYS-301

MATH-300 : Set Theory and Symbolic Logic

The first part of the course is devoted to naive set theory and includes the algebra of sets, relations, functions and orders. The second part is devoted to logic, including truth tables and first-order predicate calculus.
Credits 3
Prerequisites
MATH-132; MATH-200
Term Offered
Spring Only
Session Cycle
S

MATH-310 : Linear Algebra

Fundamentals of linear algebra, including vector spaces, matrix algebra, linear transformations, and eigenvectors and eigenvalues. Offered alternate years.
Credits 3
Prerequisites
MATH-132; MATH-200; MATH-210
Term Offered
Spring Only
Session Cycle
S

MATH-320 : Modern Geometry

Fundamental concepts of geometry, including projective and non-Euclidean geometries, with emphasis on the axiomatic method. Offered alternate years.
Credits 3
Prerequisites
MATH-132; MATH-210; MATH-300; or permission of instructor
Term Offered
Fall Only
Session Cycle
F

MATH-331 : Differential Equations

Introduction to ordinary and partial differential equations. Included are solving first order differential equations, and linear differential equations with constant coefficients; series solutions of differential equations; solving elementary partial differential equations. Offered alternate years.
Credits 3
Prerequisites
MATH-231
Term Offered
Fall Only
Session Cycle
F

MATH-341 : Theoretical Statistics I

Fundamentals of probability and distribution theory. Includes probability theory, counting techniques, conditional probability, random variables, moments, moment generating functions, an introduction to multivariate distributions, and transformations of random variables. Offered alternate years.
Credits 3
Prerequisites
MATH-231 or permission of instructor
Term Offered
Fall Only
Session Cycle
F

MATH-342 : Theoretical Statistics II

An introduction to mathematical statistics including convergence of sequences of random variables, central limit theorem, methods of estimation, hypothesis testing, linear models, and analysis of variance. Offered alternate years.
Credits 3
Prerequisites
MATH-341
Term Offered
Spring Only
Session Cycle
S

MATH-350 : Numerical Analysis

Topics include iterative techniques for solving non-linear equations, numerical differentiation and integration, and differential equations. Offered alternate years.
Credits 3
Prerequisites
MATH-231; CSCI-101
Term Offered
Spring Only
Session Cycle
S

MATH-360 : History of Mathematics

Survey of the history of mathematics from ancient civilizations to the modern mathematics of the 19th-century. Offered alternate years.
Credits 3
Prerequisites
MATH-132
Term Offered
Spring Only
Session Cycle
S

MATH-410 : Modern Algebra

Abstract algebra, with emphasis on algebraic structures such as groups, rings, integral domains, and fields. Offered alternate years.
Credits 3
Prerequisites
MATH-231; MATH-300; or permission of instructor
Term Offered
Fall Only
Session Cycle
F

MATH-431 : Introduction to Real Variables I

Real number system, topology of Euclidean Spaces, theory of limits, differentiation, integration, and infinite series. Offered alternate years.
Credits 3
Prerequisites
MATH-300
Corequisites or Prerequisites
MATH-232
Term Offered
Fall Only
Session Cycle
F

MATH-450 : Special Topics

Devoted to a subject chosen from among the various fields of mathematics in which regular courses are not offered. Possible topics include complex variables, number theory, topology, probability, and applied mathematics, as well as others. A student may take the course more than once, provided different topics are covered. Offered alternate years.
Credits 3
Prerequisites
Permission of instructor
Term Offered
Fall Only
Session Cycle
F

MATH-480X : Internship

Provides an opportunity for a student to gain field experience in an area related to the student's program of study or career goals. The learning objectives for internships include connecting academic knowledge and problem-solving processes to experiences and problems in professional settings. Supervision of an intern is provided by an appropriate faculty member and by a site supervisor of the agency or business in which the student is an intern. A student who wishes to engage in an internship must consult with the appropriate faculty member at least eight weeks in advance of the start of the term in which the internship is to be completed. A description of the internship, signed by the student and the faculty sponsor, must be filed with the director of internships by the first day of the semester prior to the start of the internship. Approval of each application for an internship is made by the director of internships based upon approved policies and guidelines. Internships are graded on an S or U basis. Students must complete 120 hours of internship-related work as well as weekly journal entries and a final reflective paper completed in accordance with approved requirements. A student may enroll in an internship program for 3 credits per semester, and internship credit may be earned in subsequent semesters subject to the limitations that no more than two internships may be pursued in any one agency or business and a maximum of 9 credits in internships may be applied toward graduation. FILA general education: experiential learning.

Credits 3

Prerequisites

FILA-150 or FILA-350EW, junior or senior standing, and a minimum 2.0 grade point average

Term Offered

All Terms

Session Cycle

A

MATH-490 : Independent Study

Upon approval of the department and the division head, a student with a cumulative grade point average of 2.20 or better may engage in an independent study or research project. One desiring to pursue independent study or research must submit a written description of the proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. At the end of the semester, the supervising professor files with the registrar a grade for the student and a description of the work accomplished. Credit may be received for no more than three independent studies or research projects.

Credits 3

Prerequisites

Completed application submitted to registrar's office

Term Offered

All Terms

Session Cycle

A

MATH-491 : Research

Upon approval of the department and the division head, a student with a cumulative grade point average of 2.20 or better may engage in an independent study or research project. One desiring to pursue independent study or research must submit a written description of the proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. At the end of the semester, the supervising professor files with the registrar a grade for the student and a description of the work accomplished. Credit may be received for not more than three independent studies or research projects.

Credits 3

Prerequisites

Completed application submitted to registrar's office

Term Offered

All Terms

Session Cycle

A

MATH-499 : Honors Project

An honors project is one in which a student researches a subject, by examination of relevant literature or by experimentation or both; the student reports the results in an accurately documented and well-written paper or appropriate representation of the work. Whenever the study deals with the subject of an established course, the student is expected to go well beyond the usual work of the course in research and in assimilation of the results as revealed in the report. Juniors and seniors with a cumulative grade point average of 3.40 or above may register for an honors project. One desiring to pursue an honors project must submit a written description of his or her proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. Upon the completion of the honors project, the student must present an oral defense of his or her project. The final grade must include a satisfactory performance on the oral defense, assessed by a three-faculty member team. The project advisor will authorize the make-up of the oral defense team and will assign the final grade on the project. The honors project title will be noted on the student's transcript. It is the student's responsibility to provide a copy of the written paper or appropriate representation of the work to the library in compliance with specifications approved by the Council on Education. The library director arranges for binding and storage.

Credits 3

Prerequisites

Completed application submitted to registrar's office

Term Offered

All Terms

Session Cycle

A

Music

MUS-110 : Music Fundamentals

No musical experience required. An introduction to reading music: scales, key signatures, intervals, rhythms, instruments and score study. Hands-on musical activities include eurhythmics, singing, and the playing of simple percussive and melodic instruments. FILA general education: fine arts & music.
Credits 3
Corequisites or Prerequisites
FILA-150 or FILA-350EW
Term Offered
Spring Only
Session Cycle
S

MUS-111 : Music Fundamentals at the Piano

No musical experience required. A hands-on introduction to reading music at the piano: pitch, rhythm, intervals, chord progressions, key signatures, fingerings, hand position, and score study. FILA general education: fine arts and music.
Credits 3
Corequisites or Prerequisites
FILA-150 or FILA-350EW
Term Offered
Fall and Spring
Session Cycle
FS

MUS-115 : Keyboard Skills I

Pentascales, major scales, and chord progressions. Harmonization of pentascale melodies, sight reading, score reading, solo repertoire, improvisation, and transposition at a beginner level. Students may place out of this course with a satisfactory performance on a playing test.
Credits 1
Corequisites or Prerequisites
MUS-225
Term Offered
Fall Only
Session Cycle
F

MUS-116 : Keyboard Skills II

Major scales and chord progressions. Harmonization of melodies, sight reading, score reading, solo repertoire, improvisation, and transposition at a late beginner level.
Credits 1
Prerequisites
MUS-115 or a satisfactory performance on a playing test
Corequisites or Prerequisites
MUS-226
Term Offered
Spring Only
Session Cycle
S

MUS-140 : Introduction to Music Education

This introductory seminar in Music Education is designed to provide an introduction to the music teaching profession to supplement the EDUC-140 curriculum. Emphasis will be on the historical development of music education, qualities of effective teaching in music, the National Core Arts Standards and the Virginia Music Standards of Learning.
Credits 1
Corequisites
EDUC-140
Term Offered
Fall Only
Session Cycle
F

MUS-201 : Piano

Applied music lesson. The expectation is that the student will practice at least three hours per week. May be repeated for credit. Additional fee.
Credits 1
Term Offered
Fall and Spring
Session Cycle
FS

MUS-202 : Organ

Applied music lesson. The expectation is that the student will practice at least three hours per week. May be repeated for credit. Additional fee.
Credits 1
Term Offered
Fall and Spring
Session Cycle
FS

MUS-203 : Voice

Applied music lesson. The expectation is that the student will practice at least three hours per week. May be repeated for credit. Additional fee.
Credits 1
Term Offered
Fall and Spring
Session Cycle
FS

MUS-204 : Woodwind

Applied music lesson. The expectation is that the student will practice at least three hours per week. May be repeated for credit. Additional fee.
Credits 1
Term Offered
Fall and Spring
Session Cycle
FS

MUS-205 : Brass

Applied music lesson. The expectation is that the student will practice at least three hours per week. May be repeated for credit. Additional fee.
Credits 1
Term Offered
Fall and Spring
Session Cycle
FS

MUS-206 : Percussion

Applied music lesson. The expectation is that the student will practice at least three hours per week. May be repeated for credit. Additional fee.
Credits 1
Term Offered
Fall and Spring
Session Cycle
FS

MUS-207 : Strings

Applied music lesson. The expectation is that the student will practice at least three hours per week. May be repeated for credit. Additional fee.
Credits 1
Term Offered
Fall and Spring
Session Cycle
FS

MUS-208 : Guitar

Applied music lesson. The expectation is that the student will practice at least three hours per week. May be repeated for credit. Additional fee.
Credits 1
Term Offered
Fall and Spring
Session Cycle
FS

MUS-210 : Voice Methods

Development of the singing voice: posture, breathing, vowels, consonants, intonation, placement and resonance; English, German, French and Italian diction; and choral and solo literature in several styles. Practical methods in teaching vocal music.
Credits 2
Prerequisites
Music major or permission of instructor
Term Offered
Spring Only
Session Cycle
S

MUS-211 : Brass Methods

Practical course in the teaching, playing, and care of brass instruments. Offered alternate years.
Credits 2
Prerequisites
Music major or permission of instructor
Term Offered
Fall Only
Session Cycle
F

MUS-212 : Woodwinds Methods

Practical course in the teaching, playing, and care of woodwind instruments. Offered alternate years.
Credits 2
Prerequisites
Music major or permission of instructor
Term Offered
Spring Only
Session Cycle
S

MUS-213 : String Methods

Practical course in the teaching, playing, and care of string instruments. Offered alternate years.
Credits 1
Prerequisites
Music major or permission of instructor
Term Offered
Fall Only
Session Cycle
F

MUS-214 : Percussion Methods

Practical course in the teaching, playing, and care of percussion instruments. Offered alternate years.
Credits 1
Prerequisites
Music major or permission of instructor
Term Offered
Fall Only
Session Cycle
F

MUS-215 : Keyboard Skills III

Minor scales and chord progressions. Harmonization of melodies with secondary chords, sight reading, score reading, solo repertoire, improvisation, and transposition at an early intermediate level.
Credits 1
Prerequisites
MUS-116 or a satisfactory performance on a playing test
Corequisites or Prerequisites
MUS-345
Term Offered
Fall Only
Session Cycle
F

MUS-216 : Keyboard Skills IV

Minor scales and chord progressions. Harmonization of melodies with secondary dominants, sight reading, score reading, solo repertoire, improvisation, and transposition at an intermediate level. Prepares the student for the keyboard proficiency examination.
Credits 1
Prerequisites
MUS-215
Term Offered
Spring Only
Session Cycle
S

MUS-220 : Introduction to Western Music

Listening and learning to recognize forms, styles, composers, and works in Western music from the early Christian era to the present. FILA general education: fine arts & music.
Credits 3
Corequisites or Prerequisites
FILA-150 or FILA-350EW
Term Offered
Fall and Spring
Session Cycle
FS

MUS-225 : Theory and Aural Skills I

Diatonic harmony, voice leading and phrase structure. Aural skills include sight singing and melodic dictation.
Credits 3
Term Offered
Fall Only
Session Cycle
F

MUS-226 : Theory and Aural Skills II

Continuation of harmony and voice leading with an exploration of secondary functions. Analyses of classical forms including sonata and rondo. Aural skills include sight singing and melodic dictation.
Credits 3
Prerequisites
A minimum grade of C in MUS-225
Term Offered
Spring Only
Session Cycle
S

MUS-233 / SOC-233 : Social History of Jazz in America

Examines how jazz music has mirrored the social history of the American people, reflecting ethnic and racial influences, historic events, and cultural change. Examines the history, styles and techniques of American jazz through lecture, audio and video recordings, and live demonstrations. Increases the appreciation and enjoyment of jazz. FILA general education: fine arts & music. (Cross-listed as SOC-233)
Credits 3
Prerequisites
FILA-150 or FILA-350EW
Term Offered
Fall Only
Session Cycle
F

MUS-235 : Music in Latin America

Provides an introduction to music throughout Latin America through a close examination of five large musical regions: Brazil, Southern Cone and the Andean Region, The Caribbean Region, Central America, and Mexico. Over the semester students will become familiar with the different styles and repertoires of these regions. Students will study the historical background and social functions of these styles, as well as relevant composers, performers, and musical instruments. Different social classes will be included, from indigenous ritual music to Western Art (Classical) music by Latin American composers. FILA general education: world cultures.
Credits 3
Prerequisites
FILA-150 or FILA-350EW
Term Offered
Spring Only
Session Cycle
S

MUS-271 : Music in Film

A historical survey of film music beginning with accompaniments performed live during the silent era, the evolution of the classic symphonic Hollywood film score, exploration in pop, jazz and rock scores, and more recent trends in ambient and electronic music. The course will also explore traditional techniques in film scoring such as the use of leitmotifs and Mickey Mousing. Meets Fine Arts & Music FILA requirement.
Credits 3
Term Offered
Spring Only
Session Cycle
S

MUS-301 : Piano

Applied music lesson for students majoring in music. The expectation is that the student will practice at least six hours per week. May be repeated for credit. Additional fee.
Credits 1
Term Offered
Fall and Spring
Session Cycle
FS

MUS-302 : Organ

Applied music lesson for students majoring in music. The expectation is that the student will practice at least six hours per week. May be repeated for credit. Additional fee.
Credits 1
Term Offered
Fall and Spring
Session Cycle
FS

MUS-303 : Voice

Applied music lesson for students majoring in music. The expectation is that the student will practice at least six hours per week. May be repeated for credit. Additional fee.
Credits 1
Term Offered
Fall and Spring
Session Cycle
FS

MUS-304 : Woodwind

Applied music lesson for students majoring in music. The expectation is that the student will practice at least six hours per week. May be repeated for credit. Additional fee.
Credits 1
Term Offered
Fall and Spring
Session Cycle
FS

MUS-305 : Brass

Applied music lesson for students majoring in music. The expectation is that the student will practice at least six hours per week. May be repeated for credit. Additional fee.
Credits 1
Term Offered
Fall and Spring
Session Cycle
FS

MUS-306 : Percussion

Applied music lesson for students majoring in music. The expectation is that the student will practice at least six hours per week. May be repeated for credit. Additional fee.
Credits 1
Term Offered
Fall and Spring
Session Cycle
FS

MUS-307 : Strings

Applied music lesson for students majoring in music. The expectation is that the student will practice at least six hours per week. May be repeated for credit. Additional fee.
Credits 1
Term Offered
Fall and Spring
Session Cycle
FS

MUS-308 : Guitar

Applied music lesson for students majoring in music. The expectation is that the student will practice at least six hours per week. May be repeated for credit. Additional fee.
Credits 1
Term Offered
Fall and Spring
Session Cycle
FS

MUS-309X : Audio Production

This course provides a hands-on introduction to the world of modern multi-track recording. Students will gain experience with the equipment and techniques fundamental to audio engineering and music and spoken word production, including recording consoles, microphones, outboard processing equipment and Avid Pro Tools; the industry standard digital audio workstation. Participants will engage in a variety of projects which demonstrate the breadth of activity of an audio engineer. These include engaging in a series of real-world sessions with musicians. Through these sessions, the techniques of recording, editing, mixing, and mastering audio will be put into practice. FILA general education: experiential learning.
Credits 3
Prerequisites
FILA-150 or FILA-350EW
Term Offered
May Term
Session Cycle
M

MUS-320 : Basic Conducting

An introduction to basic conducting skills including posture, patterns, left hand technique, baton technique, non-verbal communication, conducting terminology, transpositions, and score reading. Offered alternate years.
Credits 2
Term Offered
Spring Only
Session Cycle
S

MUS-322 : Choral Literature

This course provides a general survey of choral literature from 1450 to the present day. Standard repertoire, programming and curriculum planning, resource development, and organizational strategies will be explored in order to develop skills for selecting appropriate choral literature for elementary through high school, community, and church choral ensembles.
Credits 1
Term Offered
Fall Only
Session Cycle
F

MUS-323 : Band Literature

A study of the literature of the wind band from 1500 to the present day. Standard repertoire, performance practice and conducting considerations are discussed in order to develop skills for selecting appropriate music for middle school through advanced high school bands. Offered alternate years.
Credits 1
Term Offered
Fall Only
Session Cycle
F

MUS-329 : Keyboard Pedagogy

Separate studies of piano and organ teaching regarding teacher qualifications, teaching techniques, graded music courses, professional ethics, and recital planning. Offered on demand.
Credits 3
Term Offered
Fall Only
Session Cycle
F

MUS-340 : Church Music

Church music, with studies in hymnology, administration, graded choirs, choral techniques, choral literature, and worship. Offered on demand.
Credits 3
Term Offered
Fall Only
Session Cycle
F

MUS-343 : Music Arranging

Band and orchestral instruments and voices, and their classifications, ranges and general use. The course includes writing and arranging music for vocal and instrumental solos and ensembles. Offered alternate years.
Credits 3
Corequisites or Prerequisites
MUS-226
Term Offered
Spring Only
Session Cycle
S

MUS-345 : Theory and Aural Skills III

Exploration of chromatic harmony, modal mixture, the Neapolitan chord, augmented sixth chords, and musical forms including variations and fugue. Introduction to post-tonal harmony. Aural skills include sight singing and melodic dictation.
Credits 3
Prerequisites
MUS-226
Term Offered
Fall Only
Session Cycle
F

MUS-346 : Advanced Theory

Topics include enharmonic reinterpretation, chromatic modulation, altered dominants, synthetic scales, set theory and twelve-tone serialism. Offered on demand.
Credits 3
Prerequisites
MUS-345
Term Offered
Spring Only
Session Cycle
S

MUS-350 : Junior Recital

Presentation of a recital consisting of 20 minutes of music on one's primary instrument or voice, in coordination with the applied lesson teacher.
Credits 1
Prerequisites
Junior standing; music major or music minor; or permission of the instructor

MUS-380W : Exploration of Western Music

An in-depth study of Western music history from the medieval to modern eras through the analysis of scores, primary sources, and historical essays. This course builds on MUS-220 by investigating canonical works, by introducing lesser-known composers, and by delving more deeply into the details of the stylistic evolution of Western classical music. Students are expected to analyze scores, and so the ability to read music is required. FILA general education: writing intensive.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110; MUS-220
Term Offered
Spring Only
Session Cycle
S

MUS-400 : Composition

Individual weekly lessons in the craft of contemporary music composition. This course is centered on the development of improving musical creativity as well as providing and enhancing tools and techniques. Listening and score analysis will be assigned as needed. This course may be repeated for credit.
Credits 1
Prerequisites
MUS-225
Term Offered
Fall and Spring
Session Cycle
FS

MUS-420 : Instrumental Conducting & Methods

Elements of instrumental conducting, use of the baton, score reading, the organization and administration of ensembles, and the conducting of suitable literature for those organizations and combined instrumental and choral ensembles. Offered alternate years.
Credits 3
Prerequisites
MUS-226
Term Offered
Fall Only
Session Cycle
F

MUS-421 : Choral Conducting and Methods

Elements of choral conducting, use of the baton, score reading, the organization and administration of ensembles, and the conducting of suitable literature for those organizations and combined choral and instrumental ensembles. Offered alternate years.
Credits 3
Prerequisites
MUS-226
Term Offered
Fall Only
Session Cycle
F

MUS-422 : Music Education in the Elementary School

For future music teachers. Introduction to the melodic and harmonic instruments used in the elementary school. Selection and presentation of songs by rote and note, rhythmic activities, creative activities, and listening materials for grades K-6. Offered alternate years.
Credits 3
Prerequisites
MUS-226
Term Offered
Fall Only
Session Cycle
F

MUS-436 : Music Education in the Secondary School

The methodology and philosophy of teaching music in the secondary school including general music, music appreciation, music theory, and performing groups. Offered alternate years.
Credits 3
Prerequisites
MUS-226
Term Offered
Fall Only
Session Cycle
F

MUS-440 : Chamber Strings

A small chamber orchestra that rehearses a wide variety of string literature. Performances are presented both on and off campus. Previous string experience is required but all levels are welcome to participate.
Credits 1
Term Offered
Fall and Spring
Session Cycle
FS

MUS-441 : Concert Choir

A large, mixed choral ensemble that rehearses a wide variety of choral literature in preparation for concerts and tours presented throughout the academic year.
Credits 1
Prerequisites
Previous choral or instrumental music experience
Term Offered
Fall and Spring
Session Cycle
FS

MUS-441X : Concert Choir

A large, mixed choral ensemble that rehearses a wide variety of choral literature in preparation for concerts and tours presented throughout the academic year. FILA general education: Fine Arts & Music and Experiential Learning.
Credits 1
Prerequisites
2 previous semesters of MUS-441; FILA-150 or FILA-350EW
Term Offered
Fall and Spring
Session Cycle
FS

MUS-442 : Chorale

A mixed ensemble of about 25 select singers. Appears on-and off-campus throughout the entire year in a variety of programs. Tours with Concert Choir each spring. Makes occasional concert tours to locations in the United States and abroad. Members of the Chorale are required to be members of the Concert Choir (MUS-441). Membership is determined by audition. Auditions are held in the spring for the following year.
Credits 1
Prerequisites
Audition required
Term Offered
Fall and Spring
Session Cycle
FS

MUS-442X : Chorale

An ensemble of about 25 advanced singers. Appears on- and off-campus throughout the entire year in a variety of programs. Members of the Chorale are required to be members of the Concert Choir (MUS-441). Off-campus performances include tours to schools, churches, retirement homes, and other performance venues. FILA general education: Fine Arts & Music and Experiential Learning.
Credits 1
Prerequisites
Audition required; two previous semesters of MUS-442; FILA-150 or FILA-350EW
Term Offered
Spring Only
Session Cycle
S

MUS-443 : Symphonic Band

Performs a wide variety of concert band literature on and off campus. Instrumental music majors are required to enroll in this ensemble.
Credits 1
Prerequisites
Previous instrumental music experience
Term Offered
Fall and Spring
Session Cycle
FS

MUS-443X : Symphonic Band

Performs a wide variety of concert band literature on and off campus. Instrumental music majors are required to enroll in this ensemble. FILA general education: fine arts and music and experiential learning.
Credits 1
Prerequisites
Two previous semesters of MUS-443; FILA-150 or FILA-350EW
Term Offered
Fall and Spring
Session Cycle
FS

MUS-444 : Jazz Ensemble

Performs a wide variety of jazz literature on and off campus. Ensemble members who are instrumental music majors are required to also be members of the Symphonic Band, MUS-443.
Credits 1
Prerequisites
Audition required
Term Offered
Fall and Spring
Session Cycle
FS

MUS-444X : Jazz Ensemble

Performs a wide variety of jazz literature on- and off-campus. Off-campus performances include tours to schools, churches, retirement homes, and other performance venues. FILA general education: experiential learning.
Credits 1
Prerequisites
Two previous semesters of MUS-444; FILA-150 or FILA-350EW
Term Offered
Spring Only
Session Cycle
S

MUS-445 : Chamber Music

Small groups of brass, guitars, percussion, woodwinds, vocalists, handbells and mixed ensembles. Groups perform on and off campus.
Credits 1
Prerequisites
Permission of instructor
Term Offered
Fall and Spring
Session Cycle
FS

MUS-446 : Chamber Winds

Mixed chamber ensemble featuring woodwinds, brass, percussion, and piano. Through the study and performance of original works and transcriptions, students will learn ensemble and chamber music skills through performance. Instrumental music majors are required to enroll in this ensemble and/or MUS-449 in the fall semester.
Credits 1
Term Offered
Fall Only
Session Cycle
F

MUS-447 : Treble Choir

The Bridgewater College Treble Choir is a non-auditioned ensemble open to all singers who identify as a soprano or alto voice. The ensemble will explore the fundamentals of singing and artistry within a collaborative community and through a selection of diverse repertoire. Regional touring in the Spring.
Credits 1
Term Offered
Fall and Spring
Session Cycle
FS

MUS-448 : Exploratory Band

This flexible instrumental ensemble gives students the opportunity to explore new instruments, secondary instruments, or new styles of music. Student conductors will also have the opportunity to have hands-on experience on the podium.
Credits 1
Term Offered
Fall and Spring
Session Cycle
FS

MUS-449 : Marching Band

The Screamin' Eagles Marching Band performs music and drill at all home football games and various other campus and community events throughout the fall semester. Participation is open to all students with previous experience in wind instruments, percussion, guitar, electric bass, keyboard, and color guard. Members audition for placement. FILA general education: ES activity.
Credits 1
Term Offered
Fall Only
Session Cycle
F

MUS-449X : Marching Band

The Screamin' Eagles Marching Band performs music and drill at all home football games and various other campus and community events throughout the fall semester. Participation is open to all students with previous experience in wind instruments, percussion, guitar, electric bass, keyboard, and color guard. Members audition for placement. FILA general education: experiential learning.
Credits 1
Prerequisites
Two previous semesters of MUS-449; FILA-150 or FILA-350EW
Term Offered
Fall Only
Session Cycle
F

MUS-450 : Senior Recital

As the final capstone of the music major, the senior recital is a presentation of a recital consisting of 40 minutes of music on one's primary instrument or voice, in coordination with the applied lesson teacher.
Credits 1
Prerequisites
Senior standing; music major or music minor; or permission of instructor

MUS-480X : Internship

Provides an opportunity for a student to gain field experience in an area related to the student's program of study or career goals. The learning objectives for internships include connecting academic knowledge and problem-solving processes to experiences and problems in professional settings. Supervision of an intern is provided by an appropriate faculty member and by a site supervisor of the agency or business in which the student is an intern. A student who wishes to engage in an internship must consult with the appropriate faculty member at least eight weeks in advance of the start of the term in which the internship is to be completed. A description of the internship, signed by the student and the faculty sponsor, must be filed with the director of internships by the first day of the semester prior to the start of the internship. Approval of each application for an internship is made by the director of internships based upon approved policies and guidelines. Internships are graded on an S or U basis. Students must complete 120 hours of internship-related work as well as weekly journal entries and a final reflective paper completed in accordance with approved requirements. A student may enroll in an internship program for 3 credits per semester, and internship credit may be earned in subsequent semesters subject to the limitations that no more than two internships may be pursued in any one agency or business and a maximum of 9 credits in internships may be applied toward graduation. FILA general education: experiential learning.

Credits 3

Prerequisites

FILA-150 or FILA-350EW, junior or senior standing, and a minimum 2.0 grade point average

Term Offered

All Terms

Session Cycle

A

MUS-490 : Independent Study

Upon approval of the department and the division head, a student with a cumulative grade point average of 2.20 or better may engage in an independent study or research project. One desiring to pursue independent study or research must submit a written description of the proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. At the end of the semester, the supervising professor files with the registrar a grade for the student and a description of the work accomplished. Credit may be received for no more than three independent studies or research projects.

Credits 3

Prerequisites

Completed application submitted to registrar's office

Term Offered

All Terms

Session Cycle

A

MUS-491 : Research

Upon approval of the department and the division head, a student with a cumulative grade point average of 2.20 or better may engage in an independent study or research project. One desiring to pursue independent study or research must submit a written description of the proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. At the end of the semester, the supervising professor files with the registrar a grade for the student and a description of the work accomplished. Credit may be received for not more than three independent studies or research projects.

Credits 3

Prerequisites

Completed application submitted to registrar's office

Term Offered

All Terms

Session Cycle

A

MUS-499 : Honors Project

An honors project is one in which a student researches a subject, by examination of relevant literature or by experimentation or both; the student reports the results in an accurately documented and well-written paper or appropriate representation of the work. Whenever the study deals with the subject of an established course, the student is expected to go well beyond the usual work of the course in research and in assimilation of the results as revealed in the report. Juniors and seniors with a cumulative grade point average of 3.40 or above may register for an honors project. One desiring to pursue an honors project must submit a written description of his or her proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. Upon the completion of the honors project, the student must present an oral defense of his or her project. The final grade must include a satisfactory performance on the oral defense, assessed by a three-faculty member team. The project advisor will authorize the make-up of the oral defense team and will assign the final grade on the project. The honors project title will be noted on the student's transcript. It is the student's responsibility to provide a copy of the written paper or appropriate representation of the work to the library in compliance with specifications approved by the Council on Education. The library director arranges for binding and storage.

Credits 3

Prerequisites

Completed application submitted to registrar's office

Term Offered

All Terms

Session Cycle

A

Philosophy & Religion

PHIL-210 : Philosophical Questions

Examines fundamental themes of philosophy such as: the possibility and nature of knowledge; whether or not human beings are free; arguments for and against the existence of God; the nature of good and evil; what makes a good life; and mortality. FILA general education: philosophy or religion.
Credits 3
Corequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Spring Only
Session Cycle
S

PHIL-225E : Contemporary Moral and Political Problems

Examines pressing moral and philosophical questions that have become major political issues of our day. Problems considered include abortion, sexism, racism, drugs, privacy and censorship, civil disobedience, and others of interest to the group. FILA general education: philosophy or religion and ethical reasoning. Offered alternate years.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Fall Only
Session Cycle
F

PHIL-228E : Philosophy of Popular Culture

A systematic philosophical analysis of the major entertainment media of modern American culture aimed at determining the values reflected in and arising from popular movies, television, comics, music, and literature. Students select and research materials from the most popular national media, assessing the reasons for their extreme popularity. FILA general education: philosophy or religion and ethical reasoning.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Spring Only
Session Cycle
S

PHIL-235E : Bioethics

Confronts a number of modern scientific and ethical problems including abortion, genetic testing, genetically modified plants and animals, stem cells, gene therapy, research on humans, and physician-assisted suicide. Biology and biotechnology often confound our notions of right and wrong, and what ethical behavior is. FILA general Education: philosophy or religion and ethical reasoning. Offered alternate years.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Fall Only
Session Cycle
F

PHIL-300 / REL-300 : Topics in Philosophy and Religion

Examines fundamental questions in metaphysics, epistemology, aesthetics and ethics from both a philosophical and a theological perspective. Introduces methods and subjects of study in the disciplines of Philosophy and Religion. Designed and intended for students who are considering a major or minor in Philosophy and Religion. FILA general education: philosophy or religion. Offered on demand. (Cross-listed as REL-300)
Credits 3
Corequisites
FILA-150 or FILA-350EW

PHIL-310 : Logic

Skills of reasoning for solving problems found in ordinary language, deductive and inductive formats, and in common fallacies. A brief introduction to symbolic logic, scientific method, and probability. FILA general education: philosophy or religion.
Credits 3
Prerequisites
ENG-110
Term Offered
Fall and Spring
Session Cycle
FS

PHIL-318E : Philosophical Ethics

Examines significant ethical theories such as those based upon duty, the results of actions, virtue, the benefit of actions to self and the benefit of actions to others. We will examine primary texts from thinkers such as Aristotle, Mill, Kant and Nietzsche. FILA general education: philosophy and religion and ethical reasoning.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Spring Only
Session Cycle
S

PHIL-320E : Professional Ethics

Pressing issues confronting professionals in a technological era. Utilizing the insights of philosophical and religious ethics, the course examines the responsibilities of the professional person in business, medicine, law education, the ministry, and other fields. Problems considered include confidentiality, accountability, whistleblowing, governmental regulation, and ethical codes. FILA general education: philosophy or religion and ethical reasoning.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110; junior or senior standing
Term Offered
Fall and Spring
Session Cycle
FS

PHIL-322EW : Ethics and Identity

Introduces ethical issues related to gender, race, and class. Surveys the development of identity-related critiques of traditional ethical theories and examines how the concept of "the good life" is related to identity. FILA general education: philosophy or religion, ethical reasoning and writing intensive. Offered alternate years.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110; SOC-101 or PSCI-205 or SOC-205
Term Offered
Fall Only
Session Cycle
F

PHIL-328 : Germanic Cultures

Analyzes Germanic culture contributions by traveling to Germany, Austria, and Switzerland. Language, philosophical influences, and theological developments determine the itinerary for the course. Modern history from 16th century to the present suggest sites to be visited. FILA general education: world cultures. Offered on demand.
Credits 3
Prerequisites
FILA-150 or FILA-350EW
Term Offered
May Term
Session Cycle
M

PHIL-329 : Classical Cultures: Greece and Italy

Analyzes the historical and cultural roots of Western culture with special concern for the religious and philosophical heritage. Fifteen days of travel are combined with the academic study of the historical sites, literature, art, and concepts of these extraordinary ancient civilizations. FILA general education: world cultures. Offered on demand.
Credits 3
Prerequisites
FILA-150 or FILA-350EW
Term Offered
May Term
Session Cycle
M

PHIL-330 / REL-330 : African, Latin American and Native American Thought

This course examines selected philosophical and religious ideas and traditions from African, Latin American and Native American sources. Focusing on primary sources, students will address questions of identity, disciplinary borders, living the good life, metaphysics, epistemology, and relationships between humans and the earth. FILA general education: philosophy or religion. (Cross-listed as REL-330)
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Fall Only
Session Cycle
F

PHIL-331EW : Ancient and Medieval Western Philosophy

Traces the history of Western thought from its foundations with the Presocratic thinkers, Plato, and Aristotle, to its offspring in Hellenistic thought, and down to Medieval thought. FILA general education: philosophy or religion, ethical reasoning and writing intensive. Offered alternate years.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Fall Only
Session Cycle
F

PHIL-332W : Modern Philosophy

The primary works of thinkers from Descartes to Hegel are analyzed, and the historical relationship between those thinkers and their influence upon the Western world are examined. FILA general education: philosophy or religion and writing intensive. Offered alternate years.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Spring Only
Session Cycle
S

PHIL-333W : Contemporary Philosophy

Developments in the 20th and 21st century Western philosophy are analyzed using primary texts from both Analytic and Continental traditions. FILA general education: philosophy or religion and writing intensive. Offered alternate years.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Fall Only
Session Cycle
F

PHIL-335 : Philosophy of Religion

Concepts and problems associated with theistic faith in the West. Areas of inquiry and reflection include: the relation of philosophy to religion, arguments for and against the existence of God, the problem of evil, the nature of religious experience (including miracles and mystical experience), the purpose and meaning of religious language, and the immortality of the soul. FILA general education: philosophy or religion. Offered on demand.
Credits 3
Prerequisites
ENG-110
Term Offered
Spring Only
Session Cycle
S

PHIL-337W : Philosophy of Science

Interaction of philosophy and science that affects human understanding of the physical universe, life, the mind, and human values. Investigations are made into methods of research, physical evidence defining our universe, the principle of relativity, the uncertainty principle, predictive knowledge, and related topics. FILA general education: philosophy or religion and writing intensive. Offered alternate years.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Fall Only
Session Cycle
F

PHIL-340E : Environmental Ethics

Examines the historical development of environmental ethics in the U.S., major ethical approaches to contemporary environmental issues, and the application of those theories to particular topics such as ecojustice, biodiversity, and global warming. Readings will be drawn from a wide range of sources, from ancient scripture to current news reports. FILA general education: philosophy or religion and ethical reasoning.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110; and one of the following courses: BIOL-100, ENVR-101, BIOL-110, CHEM-102 or CHEM-161
Term Offered
Fall Only
Session Cycle
F

PHIL-367 / SOC-367 : Conflict Transformation

A broad introduction to the field, familiarizes students with conflict and practical approaches to its transformation. Personal communication and conflict styles, negotiation skills, interpersonal mediation and facilitation of group decision-making and problem-solving strategies are examined. Participation in discussions, exercises, analyses, role-plays and simulations frame the course. In addition to the regularly scheduled meeting times, one Saturday session is included. (Cross-listed as SOC-367)
Credits 3
Prerequisites
SOC-101
Term Offered
Spring Only
Session Cycle
S

PHIL-420W : Postmodernism

Analyzes philosophically the eras of the 20th century considered "modernism" and "postmodernism." Some key ideas of relativity, literary criticism, modern warfare, social norms, and ethical values from art, literature, sciences, social sciences, and philosophy. Authors from the movements called existentialism, structuralism, deconstructionism, feminism, pragmatism, et al. FILA general education: philosophy or religion and writing intensive. Offered alternate years.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Spring Only
Session Cycle
S

PHIL-430 / REL-430 : Senior Seminar

Intensive study, research, and discussion in a field of current interest in philosophy and religion. Required senior seminar for Philosophy and Religion majors. (Cross-listed as REL-430)
Credits 3
Prerequisites
Minimum of 18 credit hours of course work in the Department of Philosophy and Religion
Term Offered
Fall Only
Session Cycle
F

PHIL-480X : Internship

Provides an opportunity for a student to gain field experience in an area related to the student's program of study or career goals. The learning objectives for internships include connecting academic knowledge and problem-solving processes to experiences and problems in professional settings. Supervision of an intern is provided by an appropriate faculty member and by a site supervisor of the agency or business in which the student is an intern. A student who wishes to engage in an internship must consult with the appropriate faculty member at least eight weeks in advance of the start of the term in which the internship is to be completed. A description of the internship, signed by the student and the faculty sponsor, must be filed with the director of internships by the first day of the semester prior to the start of the internship. Approval of each application for an internship is made by the director of internships based upon approved policies and guidelines. Internships are graded on an S or U basis. Students must complete 120 hours of internship-related work as well as weekly journal entries and a final reflective paper completed in accordance with approved requirements. A student may enroll in an internship program for 3 credits per semester, and internship credit may be earned in subsequent semesters subject to the limitations that no more than two internships may be pursued in any one agency or business and a maximum of 9 credits in internships may be applied toward graduation. FILA general education: experiential learning.
Credits 3
Prerequisites
FILA-150 or FILA-350EW, junior or senior standing, and a minimum 2.0 grade point average
Term Offered
All Terms
Session Cycle
A

PHIL-485X / REL-485X : Gender Studies Practicum

A supervised practicum experience in a public or private organization that addresses women's and gender-related issues. The practicum requires 120 hours of field participation over the semester, weekly journals, and a final substantive, scholarly paper. (Cross-listed as REL-485X)
Credits 3
Prerequisites
FILA-150 or FILA-350EW; sophomore standing; permission of instructor
Term Offered
Fall and Spring
Session Cycle
FS

PHIL-490 : Independent Study

Upon approval of the department and the division head, a student with a cumulative grade point average of 2.20 or better may engage in an independent study or research project. One desiring to pursue independent study or research must submit a written description of the proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. At the end of the semester, the supervising professor files with the registrar a grade for the student and a description of the work accomplished. Credit may be received for no more than three independent studies or research projects.
Credits 3
Prerequisites
Completed application submitted to registrar's office
Term Offered
All Terms
Session Cycle
A

PHIL-491 : Research

Upon approval of the department and the division head, a student with a cumulative grade point average of 2.20 or better may engage in an independent study or research project. One desiring to pursue independent study or research must submit a written description of the proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. At the end of the semester, the supervising professor files with the registrar a grade for the student and a description of the work accomplished. Credit may be received for not more than three independent studies or research projects.
Credits 3
Prerequisites
Completed application submitted to registrar's office
Term Offered
All Terms
Session Cycle
A

PHIL-499 : Honors Project

An honors project is one in which a student researches a subject, by examination of relevant literature or by experimentation or both; the student reports the results in an accurately documented and well-written paper or appropriate representation of the work. Whenever the study deals with the subject of an established course, the student is expected to go well beyond the usual work of the course in research and in assimilation of the results as revealed in the report. Juniors and seniors with a cumulative grade point average of 3.40 or above may register for an honors project. One desiring to pursue an honors project must submit a written description of his or her proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. Upon the completion of the honors project, the student must present an oral defense of his or her project. The final grade must include a satisfactory performance on the oral defense, assessed by a three-faculty member team. The project advisor will authorize the make-up of the oral defense team and will assign the final grade on the project. The honors project title will be noted on the student's transcript. It is the student's responsibility to provide a copy of the written paper or appropriate representation of the work to the library in compliance with specifications approved by the Council on Education. The library director arranges for binding and storage.
Credits 3
Prerequisites
Completed application submitted to registrar's office
Term Offered
All Terms
Session Cycle
A

REL-180 : Religions and Nature

A survey of religious practices and perspectives regarding the natural world. It considers such questions as: What are the differences between "creation," "the environment," and "biophysical reality"? Is matter more real than spirit? What are the differences and similarities among religious ideas about human-nonhuman relationships? Are religions to blame for environmental degradation, or can they offer resources for sustainable living? Where is the sacred in relation to nature? A selection of Western, Eastern, and indigenous religious perspectives will be included. FILA general education: philosophy or religion.
Credits 3
Corequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Fall Only
Session Cycle
F

REL-210X : Study of Religious Traditions

The objective of this course is to introduce to 1) the variety of intellectual disciplines by means of which religions may be studied and 2) the basic concepts that make up a religious worldview, including concepts of the sacred, religious symbolism, myth, doctrine, ritual, soteriology, and ethics. A central question of the course is how and to what degree these concepts and practices cross over between world religions, including Judaism, Christianity, Islam, Hinduism, Buddhism, Chinese traditions, Japanese traditions, and secular humanism. The professor will acquaint students with a variety of methodologies within the field of Religious Studies, from theological, literary, and historical to anthropological, sociological, and phenomenological approaches. A handful of films will be screened that illustrate particular concepts, practices, and struggles within several religious traditions. FILA general education: philosophy or religion and experiential learning.

Credits 3

Prerequisites

ENG-110

Term Offered

Fall Only

Session Cycle

F

REL-215X : Basics of Interfaith Engagement

This course teaches foundational beliefs and practices related to interfaith peace within multiple religious traditions. It also teaches theories and practices within the interfaith movement, giving students the skills to contribute to interfaith understanding. Students will engage remotely with students form other religions at international or American colleges, working together to create an interfaith dialogue event. The course builds interreligious competence in students who are interested in Global Studies and Peace Studies. FILA general education: global dynamics and experiential learning.

Credits 3

Prerequisites

FILA-150 or FILA-350EW

Term Offered

Spring Only

Session Cycle

S

REL-220 : New Testament

Christian beginnings with emphasis upon the literature and thought of the early Christian community. Introduces information and skills necessary for examining the New Testament documents and their relevance in the history of Western culture. FILA general education: philosophy or religion.

Credits 3

Prerequisites

ENG-110

Term Offered

Fall and Spring

Session Cycle

FS

REL-250 : Reel-World Religions: Inter-Religious Encounters in Contemporary Film

Studies six contemporary films that depict encounters between members of several world religions including Native American, Christian, Buddhist, Jewish, Shinto, Hindu and Muslim traditions. Explores inter-religious expressions from curiosity to resentment and hostility to reconciliation within the context of historical, political and inter-cultural crises and evolutions. FILA general education: world cultures.

Credits 3

Prerequisites

FILA-150 or FILA-350EW; ENG-110

Term Offered

Spring Only

Session Cycle

S

REL-251X : Israel-Palestine: People, Places, Perspectives, Peace

Provides extraordinary opportunities for Bridgewater students to meet a broad range of Israelis and Palestinians and learn about their individual perspectives and shared challenge of finding peace in the religion. They will listen, learn, dialogue and do volunteer work with others. Students will meet Israeli Jews and Arabs, Palestinian Christians and Muslims, rabbis, imams, IDF soldiers, settlers and many peacemakers. FILA general education: global dynamics and experiential learning. Offered alternate years.

Credits 3

Prerequisites

FILA-150 or FILA-350EW

Term Offered

May Term

Session Cycle

M

REL-300 / PHIL-300 : Topics in Philosophy and Religion

Examines fundamental questions in metaphysics, epistemology, aesthetics and ethics from both a philosophical and a theological perspective. Introduces methods and subjects of study in the disciplines of philosophy and religion. Designed and intended for students who are considering a major or minor in Philosophy and religion. FILA general education: philosophy or religion. Offered on demand. (Cross-listed as PHIL-300)

Credits 3

Corequisites

FILA-150 or FILA-350EW

REL-310 : Jesus in History and Culture

The person and significance of Jesus as understood in his own time and throughout history. Examines literature, art, and film to appreciate how the perceptions of Jesus change and develop within various social and historical contexts. FILA general education: philosophy or religion. Offered alternate years.
Credits 3
Prerequisites
ENG-110
Term Offered
Spring Only
Session Cycle
S

REL-312 : Archaeology and the Bible

An exploration of the scientific field of archaeology as it relates to the religions, cultures and literature of ancient Israel and early Christianity. Through lectures, extensive video material and a field trip, this course critically examines the history, methodologies, discoveries and controversies of biblical archaeology in the Middle East. FILA general education: world cultures.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
May Term
Session Cycle
M

REL-315 : The Lands of Bible

The history, sociology, and archaeology of Palestine as these disciplines relate to the literature, religions, and cultures of ancient Hebrew society and early Christianity. Following the first week of study on campus, two weeks are devoted to visiting sites of biblical and religious importance in Israel and Jordan. FILA general education: world cultures. Offered on demand.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
May Term
Session Cycle
M

REL-316W : Medieval Women's Spirituality

Examines visionary literature written by women from late antiquity to the 15th century. Steeped in Neo-Platonic philosophical assumptions, it is literature written about religious experience, an attempt to express the inexpressible. As such, it is very unlike the more narrative, expository, speculative or technical styles of writing commonly encountered in the academic setting. Students of visionary literature must continue to think critically while offering unbiased and serious consideration to experiences very unlike their own. Medieval women's devotional literature offers valuable insight into specific gender roles, lifestyles, societal expectations, and religious practices in a time long past. In the same instance, it reaches out across time and addresses the nature of the human condition in any social, cultural or historical setting. FILA general education: philosophy or religion and writing intensive.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Spring Only
Session Cycle
S

REL-317 / HIST-317 : History of the Christian Church

Introduction to Christianity, surveying all three historical traditions: Roman Catholic, Eastern Orthodox, and Protestant. Special emphasis on social and political structures of the church, and issues in theology and ethics from the Apostolic Age to the resent. FILA general education: philosophy or religion. (Cross-listed as HIST-317)
Credits 3
Prerequisites
ENG-110
Term Offered
Fall Only
Session Cycle
F

REL-318E : Religious Ethics

A critical survey of ethical perspectives ad issues in the thought and practices of several religious traditions. FILA general education: philosophy or religion and ethical reasoning.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Fall Only
Session Cycle
F

REL-319 : History of the Church of the Brethren

From its beginning to the present day. Emphasis upon understanding the church today in light of its historical development with a special focus on Brethren doctrines and practices. Offered on demand.
Credits 3
Prerequisites
ENG-110

REL-325X : The Uses and Abuses of Christian Scripture

Explores the power of Biblical interpretations to influence, control and mobilize readers. Focuses on the evolution of basic interpretive rules and assumptions about how to interpret Biblical passages, and also the changing contexts and objectives of Biblical interpretation from Jesus' readings of the Hebrew Bible through scholarly approaches that developed post-Enlightenment. Primary sources include divergent interpretations of passages, infamous sermons and political speeches. FILA general education: philosophy or religion and experiential learning. Offered alternate years.
Credits 3
Prerequisites
ENG-110
Term Offered
Spring Only
Session Cycle
S

REL-326 : Readings in the Hebrew Scripture

History, literature and faith of the Hebrew people as revealed in the study of specific topics in Hebrew Scriptures. Designated material in the Hebrew Bible will be examined through the insights of literary analysis, archaeology, anthropology and historical criticism with special emphasis on interpretive methods. FILA general education: philosophy or religion.
Credits 3
Prerequisites
ENG-110
Term Offered
Spring Only
Session Cycle
S

REL-327W / ENG-327W : Biblical Themes in Literature

Studies literature inspired by the Bible. Reading and writing about how religious ideas are expressed in literature, how authors use specific biblical stories in their novels, and how various authors may differ in their retellings of the same story. FILA general education: literature & writing intensive. Offered alternate years. (Cross-listed as ENG-327W)
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Spring Only
Session Cycle
S

REL-330 / PHIL-330 : African, Latin American and Native American Thought

This course examines selected philosophical and religious ideas and traditions from African, Latin American and Native American sources. Focusing on primary sources, students will address questions of identity, disciplinary borders, living the good life, metaphysics, epistemology, and relationships between humans and the earth. FILA general education: philosophy or religion. (Cross-listed as PHIL-330)
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Fall Only
Session Cycle
F

REL-331W : Christian Beliefs

Introduction to Christian theology. The central doctrines of the Christian faith examined in the context of their historical development. Various interpretations of those doctrines in contemporary theology are evaluated. FILA general education: philosophy or religion and writing intensive. Offered alternate years.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Fall Or Spring
Session Cycle
FOS

REL-332W : Reformation Thought

The formative period of thought for contemporary Catholic and Protestant Christianity. Thinkers include representative scholastics, the Humanists, Luther, Zwingli and the Anabaptists, Calvin, and the Catholic Reform expressed in the Councils from Constance to Trent. FILA general education: philosophy or religion and writing intensive. Offered alternate years.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Fall Only
Session Cycle
F

REL-333W : Contemporary Christian Thought

Critical reading and discussion of writings of representative, contemporary, academic theologians (including Barth, Bonhoeffer, Cone, Gutierrez, Kung, and Schussler Fiorenza) with a view to developing and awareness of basic issues and patterns in present theological thinking. FILA general education: philosophy or religion and writing intensive. Offered alternate years.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Spring Only
Session Cycle
S

REL-335E : Christian Perspectives on Violence and Peace

Biblical, historical, and social attitudes toward violence and peace including a study of political, social, and scientific factors that affect violence at the interpersonal, and through war at the international levels of human and interfaith experience. A seminar approach is used. FILA general education: philosophy or religion and ethical reasoning.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Spring Only
Session Cycle
S

REL-340 : Religions of the Near East

Major living religions of the Near East stressing a sympathetic understanding of the illumination, which is provided the adherents of each for daily living, as well as some of the cultural expressions of each in those societies where they flourish. Religions studied include Judaism, Christianity, and Islam. FILA general education: world cultures. Offered alternate years.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Fall Only
Session Cycle
F

REL-350 : Religions of the Far East

Major living religions of the Far East stressing a sympathetic understanding of the illumination, which is provided the adherents of each for daily living, as well as some of the cultural expressions of each in those societies where they flourish. Religions studied include Hinduism, Buddhism, and native Chinese religion. FILA general education: world cultures. Offered alternate years.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Spring Only
Session Cycle
S

REL-365 / HIST-365 : Foundations of American Religion

Survey of American religious history with a focus on origins and diversity. Major topics include Puritanism, Revivalism, Mormonism, Methodism, African-American religion, fundamentalism Catholicism, Judaism and religion during the Cold War. Offered alternate years. (Cross-listed as HIST-365)
Credits 3
Term Offered
Spring Only
Session Cycle
S

REL-400 : Peace Studies Seminar

A brief history of peace studies in the United States, current issues in peace studies, studies in the philosophy of civilization, the roles of violence and nonviolence in protest and revolution, and the roles of church and state in peacemaking. Offered on demand.
Credits 3
Prerequisites
ENG-110

REL-420EW : Christian Social Ethics

Personal and social ethical issues from the perspective of contemporary writings of Christian ethicists. Normative and contextual approaches. An examination of the relationship between religion and culture. FILA general education: philosophy or religion, ethical reasoning and writing intensive. Offered on demand.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Spring Only
Session Cycle
S

REL-430 / PHIL-430 : Senior Seminar

Intensive study, research, and discussion in a field of current interest in philosophy and religion. This is the required senior seminar for Philosophy and Religions majors. (Cross-listed as PHIL-430)
Credits 3
Prerequisites
Minimum of 18 credit hours of course work in the department of philosophy and religion
Term Offered
Fall Only
Session Cycle
F

REL-480X : Internship

Provides an opportunity for a student to gain field experience in an area related to the student's program of study or career goals. The learning objectives for internships include connecting academic knowledge and problem-solving processes to experiences and problems in professional settings. Supervision of an intern is provided by an appropriate faculty member and by a site supervisor of the agency or business in which the student is an intern. A student who wishes to engage in an internship must consult with the appropriate faculty member at least eight weeks in advance of the start of the term in which the internship is to be completed. A description of the internship, signed by the student and the faculty sponsor, must be filed with the director of internships by the first day of the semester prior to the start of the internship. Approval of each application for an internship is made by the director of internships based upon approved policies and guidelines. Internships are graded on an S or U basis. Students must complete 120 hours of internship-related work as well as weekly journal entries and a final reflective paper completed in accordance with approved requirements. A student may enroll in an internship program for 3 credits per semester, and internship credit may be earned in subsequent semesters subject to the limitations that no more than two internships may be pursued in any one agency or business and a maximum of 9 credits in internships may be applied toward graduation. FILA general education: experiential learning.
Credits 3
Prerequisites
FILA-150 or FILA-350EW, junior or senior standing, and a minimum 2.0 grade point average
Term Offered
All Terms
Session Cycle
A

REL-483 : Interfaith Studies Senior Seminar

This course is the one-credit capstone seminar of the Interfaith Studies concentration. It will bring students in the concentration together from their different disciplinary and pre-professional programs to reflect together upon their learning while in concentration courses and to explore how the core competencies of Interfaith Studies translate into their academic and professional areas of interest. Much of the course will involve interfaith case studies relevant to each of the range of academic and professional domains of the concentration (health series/pre-med; political science/pre-law; interfaith studies/pre-ministry; sociology/pre-social work; and communications/theatre. Emphasis will be on reflection upon cases and experiences, and public deliberation skills. An interview with a local religious leader will also be assigned.
Credits 1
Prerequisites
REL-215
Term Offered
Spring Only
Session Cycle
S

REL-485X / PHIL-485X : Gender Studies Practicum

A supervised practicum experience in a public or private organization that addresses women's and gender-related issues. The practicum requires 120 hours of field participation over the semester, weekly journals, and a final substantive, scholarly paper. FILA general education: experiential learning. (Cross-listed as PHIL-485X)
Credits 3
Prerequisites
FILA-150 or FILA-350EW; sophomore standing; permission of instructor
Term Offered
Fall and Spring
Session Cycle
FS

REL-490 : Independent Study

Upon approval of the department and the division head, a student with a cumulative grade point average of 2.20 or better may engage in an independent study or research project. One desiring to pursue independent study or research must submit a written description of the proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. At the end of the semester, the supervising professor files with the registrar a grade for the student and a description of the work accomplished. Credit may be received for no more than three independent studies or research projects.
Credits 3
Prerequisites
Completed application submitted to registrar's office
Term Offered
All Terms
Session Cycle
A

REL-491 : Research

Upon approval of the department and the division head, a student with a cumulative grade point average of 2.20 or better may engage in an independent study or research project. One desiring to pursue independent study or research must submit a written description of the proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. At the end of the semester, the supervising professor files with the registrar a grade for the student and a description of the work accomplished. Credit may be received for not more than three independent studies or research projects.
Credits 3
Prerequisites
Completed application submitted to registrar's office
Term Offered
All Terms
Session Cycle
A

REL-499 : Honors Project

An honors project is one in which a student researches a subject, by examination of relevant literature or by experimentation or both; the student reports the results in an accurately documented and well-written paper or appropriate representation of the work. Whenever the study deals with the subject of an established course, the student is expected to go well beyond the usual work of the course in research and in assimilation of the results as revealed in the report. Juniors and seniors with a cumulative grade point average of 3.40 or above may register for an honors project. One desiring to pursue an honors project must submit a written description of his or her proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. Upon the completion of the honors project, the student must present an oral defense of his or her project. The final grade must include a satisfactory performance on the oral defense, assessed by a three-faculty member team. The project advisor will authorize the make-up of the oral defense team and will assign the final grade on the project. The honors project title will be noted on the student's transcript. It is the student's responsibility to provide a copy of the written paper or appropriate representation of the work to the library in compliance with specifications approved by the Council on Education. The library director arranges for binding and storage.
Credits 3
Prerequisites
Completed application submitted to registrar's office
Term Offered
All Terms
Session Cycle
A

Psychology

PSY-101 : General Psychology

Introduction to psychology as a natural and a social science. Topics include the methods of science, biological bases of behavior, developmental processes, sensation and perception, states of consciousness, conditioning and learning, memory and cognition, motivation and emotion, theories and assessment of intelligence and personality, diagnosis and treatment of psychological disorders, and social-cultural influences on behavior. FILA general education: social sciences.
Credits 3
Term Offered
Fall and Spring
Session Cycle
FS

PSY-150 : Creativity and Problem Solving

Exploration of the field of creativity and problem solving through a study of creative people, the creative process, and creative products. Students gain a fundamental knowledge of the neurological, psychological and sociological issues related to the study of creativity while also improving their own creative and problem solving abilities.
Credits 3
Term Offered
Spring Only
Session Cycle
S

PSY-210 : Introduction to Neuroscience

Introduction to the biological bases of human and animal behavior. General introduction to the nervous system, including its development, structure, and function, with particular emphasis on the role of brain mechanisms in movement, circadian rhythms, hunger and thirst, sexual behavior, emotional behaviors and stress, learning and memory, and psychological disorders.
Credits 3
Prerequisites
PSY-101
Term Offered
Fall and Spring
Session Cycle
FS

PSY-230 : Research Methods

Exploration of descriptive, correlational, and experimental research methods and statistics. Topics include the scientific method, ethical research, hypothesis testing, reliability and validity, the nature and correct use of inferential statistics, and how to interpret main effects and interactions.
Credits 3
Prerequisites
PSY-101
Term Offered
Spring Only
Session Cycle
S

PSY-240 : Behavioral Psychology

Introduction to the experimental analysis of behavior. Historical and modern approaches in the scientific study of learning are discussed. Students are required to demonstrate factual knowledge in the major content areas, procedures, and other advanced issues in regards to simple forms of learning such as habituation and sensitization and more complex forms of associative learning exemplified in classical and operant conditioning.
Credits 3
Prerequisites
PSY-230 or permission of instructor
Term Offered
Fall and Spring
Session Cycle
FS

PSY-300 : Measurement and Statistics

Introduction to basic principles of data analysis. Topics include data distributions, preparation of data and graphs, measurement of central tendency and dispersion, hypothesis testing, and descriptive and inferential statistics. Students develop expertise using JASP and Excel through lab experiences and a summative group project.
Credits 4
Prerequisites
PSY-230
Term Offered
Fall Only
Session Cycle
F

PSY-310 : Psychopathology

Empirical findings related to the description, classification, assessment, etiology and treatments of various psychological disorders. Specific disorders examined include anxiety disorders, mood disorders, substance-related disorders, personality disorders, and schizophrenia. An important emphasis is understanding the impact of mental illness on individuals and their family and friends.
Credits 3
Prerequisites
PSY-101 or SOC-101
Term Offered
Fall and Spring
Session Cycle
FS

PSY-317 / BIOL-317 : Cognitive Neuroscience

Examination of the contribution of neuroscience techniques to the understanding of sensation/perception, attention, learning, memory, language and consciousness. Lectures and papers involve an analysis of the interdisciplinary methods such as functional neuroimaging, electrophysiological methods , and the neurological impairments of brain-damaged patients. Offered alternate years. (Cross-listed as BIOL-317)
Credits 3
Prerequisites
PSY-101 and PSY-210; or BIOL-110; or permission of instructor
Term Offered
Spring Only
Session Cycle
S

PSY-319 / BIOL-319 : Functional Neuroanatomy

Comprehensive analysis of the organization of vertebrate nervous systems is approached from a structural perspective with emphasis on the human central nervous system. Principles of organization are stressed. Laboratory component introduces students to neuroanatomical and neurohistological methods and techniques. Both he gross and fine microscopic anatomy of the nervous system are studied. Offered alternate years. (Cross-listed as BIOL-319)
Credits 3
Prerequisites
PSY-101 and PSY-210; or BIOL-110
Term Offered
Fall Only
Session Cycle
F

PSY-320 : Clinical Psychology

Introduction to the field of Clinical Psychology. Emphasis on covering the two main tasks of clinical psychologists: psychotherapy and testing. Content includes a variety of treatment approaches and therapeutic techniques, as well as testing situations and common clinical applications. Special emphasis given to clinical competence, client rights, and matching therapeutic techniques and tests with specific referral questions. Theoretical and applied material will be integrated so as to provide students with the rationale for, and a "hands-on" feel of, clinical psychology. As appropriate, students will have the opportunity to observe and/or informally administer psychological testing instruments and therapeutic techniques.
Credits 3
Prerequisites
PSY-230; PSY-310; or permission of instructor
Term Offered
Fall Only
Session Cycle
F

PSY-330 : Memory and Cognition

Investigation of the major areas of cognitive psychology. Topics include perception and attention, representation of knowledge, models of memory, problem solving/reasoning, language and intelligence. Analysis of the validity and reliability of measuring cognitive processes occur through participation in hands-on experiments and demonstrations.
Credits 3
Prerequisites
PSY-101 or permission of instructor
Term Offered
Fall Only
Session Cycle
F

PSY-340 : Public Mental Health

Exposes students to a broad view of public mental health and psychology in the public interest. Stimulates the interest of future researchers, clinicians, and policy makers toward improvement of public mental health. Specific attention is given to discerning science from pseudoscience in the practice of psychology.
Credits 3
Prerequisites
PSY-310
Term Offered
Spring Only
Session Cycle
S

PSY-350 : Social Psychology

Overview of the study of how people's behaviors, attitudes, and feelings are shaped by other people and the social environment. Topics include attraction, prejudice, deindividuation, persuasion, cognitive dissonance, social cognition, attribution theory and the social self. Emphasis on classic research and the latest studies in the field and their applicability to everyday experiences of the students.
Credits 3
Prerequisites
PSY-101 or permission of instructor
Term Offered
Spring Only
Session Cycle
S

PSY-360 : Psychopharmacology

Introduction to selected topics from the study of drug effects on behavior and other psychological processes, including memory, motivation and perception. Special emphasis on the reinforcing properties of drugs and substance abuse/dependence.
Credits 3
Prerequisites
PSY-210
Term Offered
Spring Only
Session Cycle
S

PSY-370 : Developmental Psychology

Surveys historical approaches, basic issues, recent research, and current theoretical perspectives in developmental psychology. Emphasis on describing and explaining the changes that characterize physical, perceptual, cognitive, social, and emotional development across the lifespan.
Credits 3
Prerequisites
PSY-101 or permission of instructor
Term Offered
Fall and Spring
Session Cycle
FS

PSY-375 / BIOL-375 : Applied Neuropsychology

Multidisciplinary course in neuroscience, with clinical ties to neurology, psychiatry, and psychology, as well as basic scientific links to biology, computer science, and cognitive studies. Examines how the structure and function of the brain relate to specific cognitive processes and overt behaviors through the use of neuropsychological testing methods. Topics include orientation, learning and memory, intelligence, language, visuoperception, and executive functioning. The administration, scoring, and interpretation of various neuropsychological measures are discussed. Offered alternate years. (Cross-listed as BIOL-375)
Credits 3
Prerequisites
PSY-230 or MATH-140 or SOC-322; and PSY-210 or PSY-317 or PSY-319 or BIOL-110; or permission of instructor
Term Offered
Spring Only
Session Cycle
S

PSY-380 : Human Sexuality

Overview of the psychological, social and biological aspects of sexuality that will be of use for communicating with romantic partners, doctors and family members. Topics include: sexual anatomy and physiology, sexually transmitted diseases, methods of contraception, prenatal sexual differentiation, sex research, attraction and love, sexual orientation and sexual dysfunction, and sexual ethics.
Credits 3
Prerequisites
PSY-101 or SOC-101; junior or senior standing
Term Offered
Fall Only
Session Cycle
F

PSY-390 : Sensation and Perception

Survey of theories, principles, and facts concerning the sensory sciences. Emphasis on the study of physical, physiological, and psychological principles governing how we acquire information from the environment through the senses, and the organization of these sensations into meaningful, interpretable experiences. Although the focus is on mechanisms, the influence of disease, development, and aging are also considered. Offered alternate years.
Credits 3
Prerequisites
PSY-210
Term Offered
Fall Only
Session Cycle
F

PSY-399 : Psychology of Personality

Examination of the psycho-analytic, neo-analytic, trait, biological, and adjustment approaches to "normal" and abnormal personality. The contributions of major personality theorists (Freud, Adler, Erikson, etc.) are examined as well. Coursework emphasizes reflective essays and assessments to foster insight into the students' own personality.
Credits 3
Prerequisites
PSY-101; sophomore or higher standing; or permission of instructor
Term Offered
Spring Only
Session Cycle
S

PSY-400 : Applied Behavior Analysis I: Fundamentals of Behavior Change

Emphasizes basic principles, procedures and ethical concepts of ABA. Specific topics include complexities and schedules of contingencies, antecedent analyses, prompting, shaping and fading in establishing alternative adaptive behaviors. Theory and application of techniques for improving communicative behaviors are covered, as are the evidence-based conditions for ABA. Completion satisfies part of the requirements needed for admission to the Board Certified Assistant Behavior Analyst examination (BCaBA).
Credits 3
Prerequisites
PSY-240
Term Offered
Summer
Session Cycle
SU

PSY-410 : Applied Behavior Analysis II: Analysis And Intervention

Course covers ABA tasks and responsibilities in specific intervention situations. Ethical issues related to intervention are addressed. Focus is on person-centered responsibilities including problem identification; problem measurement and assessment; task analyses, selecting, developing and modifying individual and group interventions based on data; analyses of support systems in the environment; the fidelity of the implementation of the intervention; precision teaching; and the management and supervision of contingency systems. Completion satisfies part of the requirements needed for admission to the Board Certified Assistant Behavior Analyst examination (BCaBA).
Credits 3
Prerequisites
PSY-240; PSY-400; or permission of instructor
Term Offered
Spring and Summer
Session Cycle
SSU

PSY-425 / BIOL-425 : Neuroscience Methods

Lecture and laboratory course exposing students to a variety of research techniques employed by neuroscientists: behavioral and cognitive procedures for measuring reward, memory, attention, and emotion; neuroanatomical procedures for staining and examining brain tissues; physiological procedures for recording the electrical activity of nerve cells, as well as commonly used techniques used to explore brain-behavior relationships (EEG, lesions, electrical and chemical stimulation). (Cross-listed as BIOL-425)
Credits 4
Prerequisites
PSY-317 or PSY-319; CHEM-125 or higher
Term Offered
Spring Only
Session Cycle
S

PSY-450 : Historical Issues in Psychology

Reviews the history of psychology by focusing on its recurring theoretical issues (specific focus may vary). The course will include; historical foundations, cultural "zeitgeist" influences, identification of influential persons, track historical progression or cycles, and conclude with the current state of the discipline - with some projection of the future.
Credits 3
Prerequisites
PSY-101; junior standing or senior standing; or permission of instructor
Term Offered
May Term
Session Cycle
M

PSY-460 : Interaction Rituals: Research Seminar In Contemporary Psychology

Overview of the psychology of social interactions involving status rituals and politeness expectations. Contemporary topics include forgiveness, lying apologizing, teasing and gossiping. Discussion based seminar causes students to examine their daily interactions more closely and gives them insight into their own status in their social groups. Daily reflective essays, class participation, seminar leadership and a final self-analysis paper are the bases of the course grade.
Credits 3
Prerequisites
PSY-101 or permission of instructor
Term Offered
May Term
Session Cycle
M

PSY-470 : Special Topics

Directed study of a selected research topic. Designed to help the advanced student develop knowledge of a specific area of research or practice.
Credits 3
Prerequisites
Permission of instructor
Term Offered
May Term
Session Cycle
M

PSY-475E : Neuroethics

Delineates a new field of Neuroethics concerned with the social, legal and ethical implications of modern research on the brain. Brings together contemporary writings from neuroscientists, bioethicists, public policy makers and scholars in the humanities for discussion and debate on these issues. The relationship between different faith and philosophical positions on decision making from an applied (clinical) perspective will also be investigated. FILA general education: ethical reasoning. Offered alternate years.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110; PSY-101; PSY-210 or BIOL-110; junior or senior standing; or permission of instructor
Term Offered
Fall Only
Session Cycle
F

PSY-480X : Internship

Provides an opportunity for a student to gain field experience in an area related to the student's program of study or career goals. The learning objectives for internships include connecting academic knowledge and problem-solving processes to experiences and problems in professional settings. Supervision of an intern is provided by an appropriate faculty member and by a site supervisor of the agency or business in which the student is an intern. A student who wishes to engage in an internship must consult with the appropriate faculty member at least eight weeks in advance of the start of the term in which the internship is to be completed. A description of the internship, signed by the student and the faculty sponsor, must be filed with the director of internships by the first day of the semester prior to the start of the internship. Approval of each application for an internship is made by the director of internships based upon approved policies and guidelines. Internships are graded on an S or U basis. Students must complete 120 hours of internship-related work as well as weekly journal entries and a final reflective paper completed in accordance with approved requirements. A student may enroll in an internship program for 3 credits per semester, and internship credit may be earned in subsequent semesters subject to the limitations that no more than two internships may be pursued in any one agency or business and a maximum of 9 credits in internships may be applied toward graduation. FILA general education: experiential learning.

Credits 3

Prerequisites

FILA-150 or FILA-350EW, junior or senior standing, and a minimum 2.0 grade point average

Term Offered

All Terms

Session Cycle

A

PSY-481X : Practicum in Applied Psychology

Supervised practicum experience in a public or private agency setting that provides psychological or educational services. A student may enroll in a practicum for three credit hours in a semester, and practicum credit may be earned in one additional semester. Grade based on supervisor evaluations, class attendance and participation, setting up a specific learning agreement, completing weekly note-writing, compiling a scientific rationale for intervention, and developing a case presentation. FILA general education: experiential learning.

Credits 3

Prerequisites

PSY-230; a minimum 2.5 GPA; junior or senior standing

Term Offered

Fall and Spring

Session Cycle

FS

PSY-490 : Independent Study

Upon approval of the department and the division head, a student with a cumulative grade point average of 2.20 or better may engage in an independent study or research project. One desiring to pursue independent study or research must submit a written description of the proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. At the end of the semester, the supervising professor files with the registrar a grade for the student and a description of the work accomplished. Credit may be received for no more than three independent studies or research projects.

Credits 3

Prerequisites

Completed application submitted to registrar's office

Term Offered

All Terms

Session Cycle

A

PSY-491 : Research

Upon approval of the department and the division head, a student with a cumulative grade point average of 2.20 or better may engage in an independent study or research project. One desiring to pursue independent study or research must submit a written description of the proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. At the end of the semester, the supervising professor files with the registrar a grade for the student and a description of the work accomplished. Credit may be received for not more than three independent studies or research projects.

Credits 3

Prerequisites

Completed application submitted to registrar's office

Term Offered

All Terms

Session Cycle

A

PSY-499 : Honors Project

An honors project is one in which a student researches a subject, by examination of relevant literature or by experimentation or both; the student reports the results in an accurately documented and well-written paper or appropriate representation of the work. Whenever the study deals with the subject of an established course, the student is expected to go well beyond the usual work of the course in research and in assimilation of the results as revealed in the report. Juniors and seniors with a cumulative grade point average of 3.40 or above may register for an honors project. One desiring to pursue an honors project must submit a written description of his or her proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. Upon the completion of the honors project, the student must present an oral defense of his or her project. The final grade must include a satisfactory performance on the oral defense, assessed by a three-faculty member team. The project advisor will authorize the make-up of the oral defense team and will assign the final grade on the project. The honors project title will be noted on the student's transcript. It is the student's responsibility to provide a copy of the written paper or appropriate representation of the work to the library in compliance with specifications approved by the Council on Education. The library director arranges for binding and storage.
Credits 3
Prerequisites
Completed application submitted to registrar's office
Term Offered
Fall and Spring
Session Cycle
FS

Sociology

SOC-101 : Sociological Imagination

Introduction to the sociological imagination, with a critical examination of social issues, individual experiences, and the potential for social change. Topics include the nature and impact of culture and social structure, inequality, social institutions, identity, social interaction, and the historical context of knowledge and relationships. Methods of sociological investigation and interpretation are also emphasized. This course is offered in traditional survey and special topics formats. FILA general education: social sciences.
Credits 3
Corequisites or Prerequisites
FILA-150 or FILA-350EW
Term Offered
Fall and Spring
Session Cycle
FS

SOC-201 : Sociological Practice

Builds upon introductions to the social sciences by providing students with opportunities to analyze and evaluate social theories and empirical research in order to apply their insights to the social world. Additionally, provides a more structured introduction to research design and social scientific inquiry.
Credits 3
Prerequisites
SOC-101
Term Offered
Spring Only
Session Cycle
S

SOC-202 : Cultural Anthropology

Focused on the cultural branch of anthropology, topics include how the different contexts in which humans live have produced variations in belief, food, dress, music, kinship, gender, visual aesthetics, language, and other cultural aspects of ordinary life. Also introduces ethnography, an anthropological way of doing research and writing, in order to understand cultural difference. FILA general education: world cultures.
Credits 3
Prerequisites
FILA-150 or FILA-350EW
Term Offered
Spring Only
Session Cycle
S

SOC-203 : Social Problems

Problems such as population growth, environment and resource depletion, alcoholism and drug addiction, crime and violence, inequity and poverty, unemployment, alienation and others will be studied. Development of public awareness, role of social movements, theoretical approaches, value conflicts, interest groups and power struggles, and potential solutions will also be examined.
Credits 3
Term Offered
May Term
Session Cycle
M

SOC-205 / PSCI-205 : Global Identities

Interdisciplinary exploration of the power and dynamics of human similarities and differences on a global scale. Covers globalization from the perspective of identity and difference, and provides opportunities to question contemporary assumptions, values and patterns of behavior with the goal of making global interactions more constructive and more peaceful. FILA general education: global dynamics. (Cross-listed as PSCI-205)
Credits 3
Prerequisites
FILA-150 or FILA-350EW
Term Offered
Fall and Spring
Session Cycle
FS

SOC-208E : Food Politics

An introduction to a variety of political, ethical and social justice issues surrounding local, national and global food systems. It includes discussions of food policy, food security, food waste, food and farm workers' rights, and the environmental impact and sustainability of our current food production systems. FILA general education: global dynamics and ethical reasoning.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Spring Only
Session Cycle
S

SOC-210E : Foundations of Community Engagement

An introduction to community and civic engagement. Includes a history of the study of communities, sources of solidarity, civic engagement, and community activism. Provides an overview of a variety of civic-minded organizations and institutions such as community non-profit organizations, cooperatives, religious institutions, and local government. Additionally, students will be introduced to social entrepreneurship, and will learn how individuals and organizations develop and fund solutions that directly address social issues. FILA general education: ethical reasoning.
Credits 3
Prerequisites
FILA-150; ENG-110
Corequisites
FILA-350EW
Term Offered
Fall Only
Session Cycle
F

SOC-211 : Criminology

Examination of theories pertaining to the causes of crime and treatment of offenders. Theories of violent and property crimes (including "white-collar" crimes) are explored. Critical analysis of the social, political and cultural context of the justice system in the United States of America, with a special emphasis on questions of justice, fairness and equality are also undertaken.
Credits 3
Prerequisites
SOC-101
Term Offered
Fall Only
Session Cycle
F

SOC-233 / MUS-233 : Social History of Jazz in America

Examines how jazz music has mirrored the social history of the American people, reflecting ethnic and racial influences, historic events, and cultural change. Examines the history, styles and techniques of American jazz through lecture, audio and video recordings, and live demonstrations. Increases the appreciation and enjoyment of jazz. FILA general education: fine arts and music. (Cross-listed as MUS-233)
Credits 3
Prerequisites
FILA-150 or FILA-350EW
Term Offered
Fall Only
Session Cycle
F

SOC-254 : Introduction to Social Work

An overview of the development of social work as a profession with an introduction to the various settings in which social work is practiced. Helping skills such as attending, reflecting, clarifying, empathizing, supporting, examining feedback, confronting, and facilitating group process are addressed. Particular emphasis will be placed on the value orientation and ethical code of the profession, as well as legal issues facing both practitioners and clients. Twenty hours of community service is a component of this course.
Credits 3
Prerequisites
SOC-101
Term Offered
Fall Only
Session Cycle
F

SOC-255EX : Introduction to Social Welfare Systems

Traces the origins and development of current social welfare institutions and illuminates the philosophical and ethical considerations undergirding social policy while considering the merits and deficits of current social services. While a primary focus is on the political, economic, and social context of the American welfare system, cross-cultural comparisons will also be considered. FILA general education: ethical reasoning and experiential learning.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110; SOC-101
Term Offered
Spring Only
Session Cycle
S

SOC-256 : Group Process

The study of the behavior of individuals in small groups with a focus on the development of interpersonal communication skills. Topics include facilitation, leadership styles, decision making, problem solving, and mediation. Attention will be directed at how groups form and change over time; how conflict occurs and is managed; how roles and norms develop; and the nature of power, conformity and deviance in groups. The relevance of this work to applied settings will also be discussed.
Credits 3
Prerequisites
SOC-101
Term Offered
May Term
Session Cycle
M

SOC-301 : Classical Social Theory

Survey of classical and contemporary sociological theory, including the works of Karl Marx, Emile Durkheim, Max Weber, George Herbert Mead, Erving Goffman, Harold Garfinkel and others.
Credits 3
Prerequisites
SOC-101 and SOC-201
Term Offered
Fall Only
Session Cycle
F

SOC-302W : Contemporary Social Theory

Survey of contemporary sociological theory, including the works of Erving Goffman, Harold Garfinkel, The Frankfurt School, Bourdieu and others. FILA general education: writing intensive.
Credits 3
Prerequisites
FILA-150 FILA-350EW; ENG-110; SOC-301; or permission of instructor
Term Offered
Spring Only
Session Cycle
S

SOC-312 : Juvenile Justice and Delinquency

Analysis of juvenile crime and its connections to family structures, peer groups and the educational system, as well as gender, race and class. Trends in juvenile corrections are examined along with current debates on reform. Special topics include gangs, juvenile detention, probation, child advocates, waiver to adult courts and hospitalization. Offered alternate years.
Credits 3
Prerequisites
SOC-101
Term Offered
Spring Only
Session Cycle
S

SOC-313 : Gender, Crime and Justice

Investigation of the interaction between gender and social control in the United States and cross-culturally. The gendered nature of criminal activity is examined empirically and theoretically. The justice system, including the correctional treatment of men and women, is examined. Offered alternate years.
Credits 3
Prerequisites
SOC-101
Term Offered
Spring Only
Session Cycle
S

SOC-314 : World Justice Systems

Comparative study of justice systems derived from major legal traditions. The development and application of these systems is examined, with an emphasis on historical trends and social forces that shape them. Comparative themes include the role of political power, public perceptions, systems of morality, constructions of guilt, and corrections philosophies. Offered alternate years.
Credits 3
Prerequisites
SOC-101
Term Offered
Spring Only
Session Cycle
S

SOC-315 : Public Security and Insecurity

Examines perceptions of security and danger in America since the early 20th century and their effect on the balance between public safety and individual liberty. Examples include organized crime, labor conflict, the communist threat, youth gangs, drugs and terrorism. The role of "moral entrepreneurs," special interest groups, mass media, intelligence and surveillance, and political manipulation are explored. The balance of public safety and individual liberty is central to exploration throughout the course. Offered alternate years.

Credits 3

Prerequisites

SOC-101

Term Offered

Fall Only

Session Cycle

F

SOC-316E : True Crime Sociology

Analysis of sociological issues, including class conflict, race/ethnic relations, and gender/sexuality identities, through examination of true crime journalism across its wide variety of media formats (books, documentary film, podcasts, etc.). Includes critical examination of the genre's increased popularity and democratization through the expansion of social media, with a particular emphasis on the ethical implications, cultural consequences, and political possibilities emerging from these developments. Features weekly in-class direct engagement (including film screenings, podcast listening parties, book readings, etc.) with timely/relevant examples of the genre as well as facilitated public discourse/seminar discussions. FILA general education: ethical reasoning.

Credits 3

Prerequisites

FILA-150 or FILA-350EW; ENG-110; SOC-101

Term Offered

Fall Only

Session Cycle

F

SOC-321 : Qualitative and Ethnographic Research

Investigation of the practical, theoretical, and ethical issues involved in interpretive, field-based research. Specific research methods addressed include participant observation, interviews, action research, case studies, multimedia analysis and ethnography. Hands-on experience includes students developing and conducting original field research projects.

Credits 3

Prerequisites

SOC-101 and SOC-201

Term Offered

Spring Only

Session Cycle

S

SOC-324 : Quantitative Research Methods in Sociology

Scientific methods and their application to the study of social phenomena. Topics include the relation between theory and research, defining and operationalizing research, design alternatives, sampling, measurement validity and reliability, and the use of descriptive and inferential statistics. Students will develop and address their own research questions using publicly available archived data from large national surveys or other sources. Required laboratory must be taken concurrently with this course.

Credits 4

Prerequisites

SOC-201, MATH-140 or PSY-300; or permission of instructor

Term Offered

Fall Only

Session Cycle

F

SOC-331 : Cultural Theory at the Movies

Introduction to a diverse set of perspectives on culture and society using movies as a medium. Important lenses in cultural studies including critical theory, postmodernism, postcolonial theory, feminism/critical race theory, and psychoanalysis are introduced through "textual" examination of 21st-century films across the global landscape. This is less a film class than a survey of major contemporary theories in the humanities and social sciences. Highly recommended for students considering graduate studies in the humanities or social sciences, or for anyone interested in developing a critical viewpoint on films and culture in general. Students should be prepared to view challenging films that may depict violence, sexual situations, substance abuse and/or strong language. FILA general education: global dynamics.

Credits 3

Prerequisites

SOC-101

Term Offered

May Term

Session Cycle

M

SOC-333 : Racial and Ethnic Studies

The nature of racial relations and inequalities in American society, including their historical origins and relationship to Western capitalist development. The ethnic composition of contemporary American society, impact of legal and illegal immigration patterns, dynamics of modern structures and institutions, the Civil Rights Movement, inter-ethnic conflicts and attitudes, multiculturalism and status of affirmative action are analyzed in the context of national and global social change. FILA general education: global dynamics.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; SOC-101
Term Offered
Fall Only
Session Cycle
F

SOC-334 : Gender and Sexuality Studies

Introduction to a variety of conceptual frameworks and theoretical lenses relating to human gender and sexualities, including social constructionism, political economy, and cultural studies. A critical, global, historical, and sociological approach will be emphasized to unpack gendered ad sexualized social structures like patriarchy, heterosexism, and hegemonic masculinity. Special attention will be paid to social movements and challenges to power/resource inequalities made by gender and sexuality-based minority groups. FILA general education: global dynamics. Offered alternate years.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; SOC-101
Term Offered
Spring Only
Session Cycle
S

SOC-335 : Immigrants in the Shenandoah Valley

Examination of the growing ethnic diversity in the Shenandoah Valley through study of contemporary theories and research on immigration. Hands-on field experience includes first-hand interaction with local immigrants and is particularly beneficial for students seeking Spanish language, intercultural, and/or service-learning experience. FILA general education: global dynamics. Offered alternate years.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; SOC-101
Term Offered
Spring Only
Session Cycle
S

SOC-336X : Immigrant Food Cultures of New York City

How various immigrant groups in New York City have negotiated their traditional food cultures upon arrival in the United States. The first three days of the course will be spent on the Bridgewater College campus followed by five days in New York City being guided to various ethnic immigrant communities around the city and outer boroughs to explore restaurants, community centers, food markets and historic and culturally significant sites, as well as to meet community members involved in preserving the group's traditional food culture. FILA general education: global dynamics and experiential learning.
Credits 3
Prerequisites
FILA-150 or FILA-350EW
Term Offered
May Term
Session Cycle
M

SOC-337X : Food Systems of the Shenandoah Valley

Examines the various food systems in the Shenandoah Valley of Virginia, including organic farms, various types of co-ops, industrial and small-scale poultry operations, industrial and organic vegetable and herb farms, community supported agriculture (CSA) operations, small-scale and industrial dairy operations, and farm-to-table restaurants. Through on-site visits, readings, and classroom discussion, students study a wide range of factors that make up each local food system, including issues pertaining to sustainability, land and resource usage, workers' rights, and the benefits of and challenges faced by these systems. FILA general education: experiential learning.
Credits 3
Prerequisites
FILA-150 or FILA-350EW
Term Offered
May Term
Session Cycle
M

SOC-338X : Introduction to Material Culture Studies

Introduces students to techniques for examination of objects and artifacts through the study of important texts, hands-on experience, on-site visits to museums, buildings and cultural landscapes. Topics include vernacular architecture, cultural geography, popular design, technology, folk life and archaeology. FILA general education: experiential learning.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; SOC-101
Term Offered
May Term
Session Cycle
M

SOC-339X : Food Cultures of Italy

An exploration of various regional food cultures of Italy. Particular emphasis will be placed on the production, distribution, and consumption of food, both historically and in the present, with attention to issues of sustainability and food justice in Italy. The first few days of the course will be spent on the Bridgewater College campus followed by ten to twelve days in Italy. In addition to a study of the food cultures of the region, students will have opportunities to explore significant historical and cultural sites in the area. FILA general education: experiential learning.
Credits 3
Prerequisites
FILA-150 or FILA-350EW
Term Offered
May Term
Session Cycle
M

SOC-350 : Social Inequality

An examination of patterns of social stratification and important theories of the class structure. Emphasis is placed upon analysis of the American class system and major research in the field.
Credits 3
Prerequisites
SOC-101
Term Offered
Spring Only
Session Cycle
S

SOC-363 : Cultures of Japan

An historical and cultural study of Japan, with particular attention to religion, government, and the arts. Consideration is given to daily life in Japan and current problems and changes. FILA general education: world cultures.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; SOC-101
Term Offered
Fall and Spring
Session Cycle
FS

SOC-366E : Sociology of Birth and Death

Examination of how society supports, controls and constrains our arrival into and departure from the world, revealing the ways that events often assumed to be "natural" are in fact conditioned by social and cultural forces. Special emphasis on the communication of cultural norms regarding birth and death, the impact of advances in medicine and technology, and how birth and death become cultural metaphors for other social phenomena. The course includes an interfaith studies component focused on Jewish, Muslim, Buddhist, and Native American death rituals. FILA general education: ethical reasoning.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110; SOC-101
Term Offered
Spring Only
Session Cycle
S

SOC-367 / PHIL-367 : Conflict Transformation

Broad introduction to the field, familiarizes students with conflict and practical approaches to its transformation. Personal communication and conflict styles, negotiation skills, interpersonal mediation, and facilitation of group decision-making and problem-solving strategies are examined. Participation in discussions, exercises, analyses, role-plays and simulations frame the course. In addition to the regularly scheduled meeting times, one Saturday session is included. (Cross-listed as PHIL-367)
Credits 3
Prerequisites
SOC-101
Term Offered
Spring Only
Session Cycle
S

SOC-368W : Sociology of the Family

Examination of the human family historically and comparatively in various cultures with major emphasis placed upon the modern American family. Included are such topics as the diversity of family structures, the social construction of emotions, gender expectations and roles, parenting, the life cycle, and family tensions. FILA general education: writing intensive.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; SOC-101; ENG-110
Term Offered
Fall Only
Session Cycle
F

SOC-369 : Studying the American Militia Movement: Guerrillas in Our Midst

Explores the genesis of the American militia movement and its current incarnations, employing sociological theories of culture, ideology, social movements, and cultural change to examine the movement and the ways in which it yields insights into some crucial questions about our society ad our social ideals: how we define citizenship, community, and nation; how members of social movements and subcultures create insider-outsider distinctions between themselves and non-members; and the cultural values and symbols upon which social movements draw in order to communicate a vision of America as they see it and as they believe it should be.
Credits 3
Prerequisites
SOC-101
Term Offered
May Term
Session Cycle
M

SOC-370E : Sociology of Religion

Examination of religion as a powerful force of social cohesion, order, meaning and change in human societies. Special attention will be given to why people are religious or not religious; the growth and decline of religious organizations; religious conversion and loss of faith; the impact of modernity on religion and religious belief, especially among young and emerging adults. The social context in which various religious communities exist and how they shape and are being shaped by their social context will also be investigated. FILA general education: ethical reasoning.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110; SOC-101
Term Offered
Fall and Spring
Session Cycle
FS

SOC-401X : Community Action

Senior capstone course offering action-based research with the local community. Students engage both community and social change literature. Topics will vary depending on student interest. FILA general education: experiential learning.
Credits 3
Prerequisites
ENG-110; SOC-302W
Term Offered
Spring Only
Session Cycle
S

SOC-412 : Adjudication and Corrections: Existing and Alternate Strategies

Critical evaluation of structures of adjudication, sentencing and corrections in the United States. Includes an examination of alternative approaches to justice and reconciliation, such as community-based rehabilitation, victim/offender conflict mediation, et. Various strategies for community reintegration are also explored.
Credits 3
Prerequisites
SOC-211; one course from the crime and justice minor electives; junior or senior standing
Term Offered
Spring Only
Session Cycle
S

SOC-451 : Counseling and Personal Development

A survey of the concepts and practices of the major contemporary therapeutic (theory) systems used in the helping professions. Primary focus is placed on helping approaches and the various frameworks or understanding change and motivation to change. Goal setting, decision making, self-awareness, learning one's own helping strengths and limitations, and referral techniques are also included.
Credits 3
Prerequisites
SOC-101
Term Offered
Spring Only
Session Cycle
S

SOC-480X : Internship

Provides an opportunity for a student to gain field experience in an area related to the student's program of study or career goals. The learning objectives for internships include connecting academic knowledge and problem-solving processes to experiences and problems in professional settings. Supervision of an intern is provided by an appropriate faculty member and by a site supervisor of the agency or business in which the student is an intern. A student who wishes to engage in an internship must consult with the appropriate faculty member at least eight weeks in advance of the start of the term in which the internship is to be completed. A description of the internship, signed by the student and the faculty sponsor, must be filed with the director of internships by the first day of the semester prior to the start of the internship. Approval of each application for an internship is made by the director of internships based upon approved policies and guidelines. Internships are graded on an S or U basis. Students must complete 120 hours of internship-related work as well as weekly journal entries and a final reflective paper completed in accordance with approved requirements. A student may enroll in an internship program for 3 credits per semester, and internship credit may be earned in subsequent semesters subject to the limitations that no more than two internships may be pursued in any one agency or business and a maximum of 9 credits in internships may be applied toward graduation. FILA general education: experiential learning.

Credits 3

Prerequisites

FILA-150 or FILA-350EW, junior or senior standing, and a minimum 2.0 grade point average

Term Offered

All Terms

Session Cycle

A

SOC-481X : Field Experience in Social Welfare

Provides social work experience through placement in a human service agency. Placement may be arranged for 12 weeks of a full-time experience during the normal semester or on a part-time basis for three credits. The experience is under careful supervision of both the agency and the Sociology department. The student's interest influences the choice of an agency. 120 hours of participation are required for three credits and 480 hours are required for 12 credits. FILA general education: experiential learning.

Credits 3

Prerequisites

ENG-110; SOC-254; SOC-255; SOC-451; or permission of instructor

Term Offered

All Terms

Session Cycle

A

SOC-482 : Proseminar in Social Work Ethics

This independent study may only be taken by those students who are concurrently enrolled in SOC-481X: Field Experience in Social Welfare. In conjunction with the fieldwork placement, provides an advanced forum to discuss the social work profession. Implications of the Social Work Code of Ethics on professional conduct, as well as the inter-agency approaches to social work and social welfare are explored.

Credits 3

Term Offered

Fall and Spring

Session Cycle

FS

SOC-483X : Senior Practicum in Crime and Justice

Capstone course for the Crime and Justice minor. Students gain direct experience with the field in agencies of law enforcement, courts or law firms, and corrective/rehabilitation/community restoration. The practicum requires 120 hours of field participation over the semester, weekly journals and a final substantive, scholarly paper. FILA general education: experiential learning.

Credits 3

Prerequisites

ENG-110; SOC-211; SOC-412 or one course from the crime and justice minor electives; or permission of instructor

Term Offered

All Terms

Session Cycle

A

SOC-484X : Professional Practicum in Law Enforcement

The professional practicum is taught on-site at the Central Shenandoah Criminal Justice Training Academy (CSCJTA) in Weyers Cave during the January-May sessions. The practicum offers students an opportunity to gain training and acquire professional certification in law enforcement. The training consists of approximately 990 hours of classroom and practical instruction over 18 weeks. In addition to evaluation and testing conducted by CSCJTA, students will complete a substantive paper integrating their experience with the scholarly literature and knowledge acquired through other coursework. Requires a 2.0 GPA or above and must be arranged at least one semester in advance with successful completion of CSCJTA screening and admissions. FILA general education: experiential learning.

Credits 18

Prerequisites

ENG-110; SOC-211; SOC-412; one course from the crime and justice minor electives; senior standing; permission of instructor

Term Offered

Spring Only

Session Cycle

S

SOC-490 : Independent Study

Upon approval of the department and the division head, a student with a cumulative grade point average of 2.20 or better may engage in an independent study or research project. One desiring to pursue independent study or research must submit a written description of the proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. At the end of the semester, the supervising professor files with the registrar a grade for the student and a description of the work accomplished. Credit may be received for no more than three independent studies or research projects.
Credits 3
Prerequisites
Completed application submitted to registrar's office
Term Offered
All Terms
Session Cycle
A

SOC-491 : Research

Upon approval of the department and the division head, a student with a cumulative grade point average of 2.20 or better may engage in an independent study or research project. One desiring to pursue independent study or research must submit a written description of the proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. At the end of the semester, the supervising professor files with the registrar a grade for the student and a description of the work accomplished. Credit may be received for not more than three independent studies or research projects.
Credits 3
Prerequisites
Completed application submitted to registrar's office
Term Offered
All Terms
Session Cycle
A

SOC-499 : Honors Project

An honors project is one in which a student researches a subject, by examination of relevant literature or by experimentation or both; the student reports the results in an accurately documented and well-written paper or appropriate representation of the work. Whenever the study deals with the subject of an established course, the student is expected to go well beyond the usual work of the course in research and in assimilation of the results as revealed in the report. Juniors and seniors with a cumulative grade point average of 3.40 or above may register for an honors project. One desiring to pursue an honors project must submit a written description of his or her proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. Upon the completion of the honors project, the student must present an oral defense of his or her project. The final grade must include a satisfactory performance on the oral defense, assessed by a three-faculty member team. The project advisor will authorize the make-up of the oral defense team and will assign the final grade on the project. The honors project title will be noted on the student's transcript. It is the student's responsibility to provide a copy of the written paper or appropriate representation of the work to the library in compliance with specifications approved by the Council on Education. The library director arranges for binding and storage.
Credits 3
Prerequisites
Completed application submitted to registrar's office
Term Offered
All Terms
Session Cycle
A

Teacher Education Program (TEP)

EDUC-140 : Introduction to Teaching

Helps candidates explore the career of teaching. Emphasis on the historical, sociological and pedagogical foundations of American public education, as well as culturally responsive pedagogy with academically, culturally and linguistically diverse populations. Introduces InTASC standards and provides information about local, state and national requirements of the teaching profession.
Credits 3
Corequisites or Prerequisites
EDUC-140
Term Offered
Fall and Spring
Session Cycle
FS

EDUC-195 : World Regional Geography

The course will cover broad knowledge of geography including the relationship between human activity and the physical environment, the ways in which geography governs human activity, and the effects of human activity on geographic features.
Credits 3
Prerequisites
Completion of the general education history requirement and one of the following: ECON-200, ECON-210 or SOC-101
Term Offered
Fall Only
Session Cycle
F

EDUC-200 : Educational Psychology

Surveys principles of development, learning and evaluation as they relate to learners' educational growth. The study of the physical, social, emotional and intellectual development of the learner focuses on how this development relates to pedagogy, motivation, classroom management, and assessment.
Credits 3
Term Offered
Fall and Spring
Session Cycle
FS

EDUC-210 : Assessment and Learning

Emphasis on reading and interpreting data to design curriculum and lesson plans that measure student academic progress.
Credits 3
Prerequisites
EDUC-200
Term Offered
Spring Only
Session Cycle
S

EDUC-215 : Diversity in the Classroom

Explores cultural, linguistic and academic diversity, with an introduction to multicultural education. Introduction to appropriate and effective strategies for instructing these diverse learners in inclusive classroom settings. Includes a minimum 10 hours of field experience. Successful field experience is necessary for a passing grade in the class.
Credits 4
Prerequisites
Admission to the teacher education program.
Term Offered
Fall and Spring
Session Cycle
FS

EDUC-301 : Field Experience in Education

Twenty-hour (per credit hour) optional observational and participatory experience occurring in an elementary, middle or secondary school or in a related setting. Related readings, reflection and a journal of the experience required.
Credits 1
Prerequisites
Admission to the TEP; approval by advisor and director
Term Offered
Fall and Spring
Session Cycle
FS

EDUC-307 : Practicum in Current Teaching Techniques for ESL Endorsement

Forty-hour intensive field experience immersed in an ESL school environment for the prospective ESL teacher. While working on developing an understanding of the whole child, emphasis is placed on identifying and meeting the needs of students who are engaged in becoming acclimated to living in a culture other than their native one and learning English; identifying and continuing to develop classroom management techniques in preparation for the student teaching experience; and beginning to plan and create SOL-based lesson plans. Note: Cannot be taken simultaneously with more than one other EDUC field experience.
Credits 2
Prerequisites
Admission to the TEP
Term Offered
Fall Only
Session Cycle
F

EDUC-316 : Strategies for Teaching Mathematics in the Elementary Classroom

Provides prospective teachers in grades PreK-6 with the knowledge, skills and understanding to implement effective mathematics instruction. Emphasizes the teaching/learning process to best enable students to develop appropriate mathematics skills, attitudes, and concepts. Topics include national and state mathematics standards, assessment, diagnostic and remedial strategies, the use of manipulatives, the use of educational technology, the contributions of different cultures toward the development of mathematics, and the role of mathematics in culture and society. Required for PreK-6 licensure only.
Credits 3
Term Offered
Fall and Spring
Session Cycle
FS

EDUC-330 : Early Literacy

Theory and practice related to readers at emergent and beginning stages. Includes discussion of the complex factors involved in literacy acquisition at the elementary level with a focus on phonemic awareness, phonics, vocabulary, beginning fluency and comprehension. Explorations of assessment methods and strategies for teaching diverse learners, including English language learners, are emphasized. Includes 20 hours in public schools. Successful field experience is necessary for a passing grade in the class.
Credits 4
Prerequisites
Admission to the TEP; EDUC-332
Term Offered
Fall and Spring
Session Cycle
FS

EDUC-332 : Intermediate Literacy

Theory and practice related to readers at the intermediate stage. Includes discussion of the complex factors involved in literacy acquisition at the intermediate level with a focus on reading in the content areas, stages in the writing process, vocabulary, fluency and comprehension. Exploration of assessment methods and strategies for teaching diverse learners, including English language learners, are emphasized.
Credits 2
Prerequisites
Admission to the TEP
Term Offered
Fall and Spring
Session Cycle
FS

EDUC-334 : Literacy in the Context Area

Helps secondary education candidates describe and develop effective content literacy strategies for academically, culturally and linguistically diverse 6-12 students. Candidates use their content area curriculum to enhance literacy development including: vocabulary development; literal, interpretive, critical and evaluative comprehension; critical thinking; writing strategies; and listening and speaking skills. Includes minimum 20 hours of field experience. Successful field experience is necessary for a passing grade in the class.
Credits 3
Prerequisites
Admission to the TEP; junior standing
Term Offered
Fall and Spring
Session Cycle
FS

EDUC-371E : Classroom Management, Elementary

Effective and efficient management of time, space and resources, including lessons and classroom behaviors, are examined as a means of promoting learning. Candidates develop a management plan that is inclusive, respectful and based upon current theory and practice. Effective organization and communication techniques are stressed. Includes a minimum of 20 hours field experience in an elementary classroom. Successful field experience is necessary for a passing grade in the class. FILA general education: ethical reasoning.
Credits 4
Prerequisites
FILA-150 or FILA-350EW; ENG-110; admission to the TEP
Term Offered
Fall and Spring
Session Cycle
FS

EDUC-372E : Classroom Management, Secondary

Effective and efficient management of time, space and resources, including lessons and classroom behaviors, are examined as a means of promoting learning. Candidates develop a management plan that is inclusive, respectful and based upon current theory and practice. Effective organization and communication techniques are stressed. Includes a minimum of 20 hours field experience in 6-12 classroom (or in a classroom of the licensure.) Successful field experience is necessary for a passing grade in the class. FILA general education: ethical reasoning.
Credits 4
Prerequisites
FILA-150 or FILA-350EW; ENG-110; admission to the TEP
Term Offered
Fall and Spring
Session Cycle
FS

EDUC-380X : Practicum in Current Teaching Techniques

Three-week, full-day, field practicum taken immediately before student teaching. Candidates teach in a grade-level range different from their student teaching placement, but within their range of licensure and certification. Candidates teach a minimum of two times, participates in all professional activities of their classroom cooperating teacher, and engage in reflective seminars back on campus, or through online delivery. FILA general education: experiential learning Note: Those seeking ESL certification take this course the junior year but after having taken EDUC-371E or EDUC-372E.
Credits 3
Prerequisites
FILA-150 or FILA-350EW, admission to the TEP, successful completion of EDUC-371 or EDUC-372 and taken in May Term or summer before student teaching; Note: Those seeking ESL certification take this course the junior year but after having taken EDUC-371 or EDUC-372.
Term Offered
May Term
Session Cycle
M

EDUC-406 : Curriculum and Instruction Elem Class Elementary Classroom

Instructional practice in the elementary classroom. Strategies for effective teaching of content based on Virginia Standards of Learning (PK-6) with particular emphasis given to science and social studies. Significant emphasis will be placed on curriculum content, lesson planning, research-based instructional strategies, and assessment. Taken the semester immediately prior to student teaching. Includes minimum of 20 hours of field experience in an elementary (PK-6) classroom. Successful field experience is necessary for a passing grade in the class.
Credits 4
Prerequisites
Admission to the TEP, taken the semester before student teaching
Term Offered
Fall and Spring
Session Cycle
FS

EDUC-412 : Curriculum and Instruction Second Class Secondary Classroom

Instructional practice in the secondary classroom. Strategies for effective teaching of content based on Virginia Standards of Learning or National Standards in specified content area (PK-12 or 6-12). Significant emphasis will be placed on curriculum content, lesson planning, research-based instructional strategies, and assessment. Taken prior to student teaching. Includes minimum of 20 hours of field experience in an elementary (PK-12 or 6-12) classroom. Successful field experience is necessary for a passing grade in the class.
Credits 4
Prerequisites
Admission to the TEP, taken the semester before student teaching
Term Offered
Fall Only
Session Cycle
F

EDUC-451 : Seminar in Educational Practices, Elementary

Taken during the student teaching experience, this course emphasizes professional licensure requirements and teacher performance standards, measuring student academic progress and collaboration models of teaching. Candidates develop various personal skills and resources, including the development of an online educational portfolio, consistent with InTASC standards for obtaining employment in the education field.
Credits 1
Prerequisites
Admission to the TEP
Corequisites
EDUC-465 or EDUC-470
Term Offered
Fall and Spring
Session Cycle
FS

EDUC-452 : Seminar in Educational Practices, Secondary

Taken during the student teaching experience, this course emphasizes professional licensure requirements and teacher performance standards, measuring student academic progress and collaboration models of teaching. Candidates develop various personal skills and resources, including the development of an online educational portfolio, consistent with InTASC standards for obtaining employment in the education field.
Credits 1
Prerequisites
Admission to the TEP
Corequisites
EDUC-465 or EDUC-470
Term Offered
Fall and Spring
Session Cycle
FS

EDUC-460 : Professional ESL Student Teaching

Eight-week student teaching field experience for the ESL endorsement involving instructional planning, observation and teaching. Supervised by the classroom cooperating teacher and a college supervisor. Provides students seeking an ESL endorsement an opportunity to teach in an ESL environment. Students are expected to assume complete responsibility for the classroom during the student teaching experience and engage in all activities related to teaching in the school community.
Credits 4
Prerequisites
Admission to the the TEP and completion of all coursework in the ESL certification and TEP
Corequisites
EDUC-451 or EDUC-452
Term Offered
Fall and Spring
Session Cycle
FS

EDUC-465 : Professional Student Teaching for Dual ESL Endorsement

Ten-week student teaching field experience for the ESL endorsement involving instructional planning, observation and teaching. Supervised by the classroom cooperating teacher and a college supervisor. Students are expected to assume complete responsibility for the classroom during the student teaching experience and engage in all activities related to teaching in the school community.
Credits 12
Prerequisites
EDUC-460 and ESL endorsements with Pre-K-6, 6-12, PreK-12 content area endorsements
Corequisites
EDUC-451 or EDUC-452
Term Offered
Fall and Spring
Session Cycle
FS

EDUC-470 : Professional Student Teaching

Fifteen-week final field experience involving instructional planning, observation and teaching. Supervised by the classroom cooperating teacher and a college supervisor. Students are expected to assume complete responsibility for the classroom during the student teaching experience and engage in all activities related to teaching in the school community.

Credits 13

Prerequisites

Admission to the TEP, admission to student teaching and completion of all coursework in the TEP

Corequisites

EDUC-451 or EDUC-452

Term Offered

Fall and Spring

Session Cycle

FS

EDUC-480X : Internship

Provides an opportunity for a student to gain field experience in an area related to the student's program of study or career goals. The learning objectives for internships include connecting academic knowledge and problem-solving processes to experiences and problems in professional settings. Supervision of an intern is provided by an appropriate faculty member and by a site supervisor of the agency or business in which the student is an intern. A student who wishes to engage in an internship must consult with the appropriate faculty member at least eight weeks in advance of the start of the term in which the internship is to be completed. A description of the internship, signed by the student and the faculty sponsor, must be filed with the director of internships by the first day of the semester prior to the start of the internship. Approval of each application for an internship is made by the director of internships based upon approved policies and guidelines. Internships are graded on an S or U basis. Students must complete 120 hours of internship-related work as well as weekly journal entries and a final reflective paper completed in accordance with approved requirements. A student may enroll in an internship program for 3 credits per semester, and internship credit may be earned in subsequent semesters subject to the limitations that no more than two internships may be pursued in any one agency or business and a maximum of 9 credits in internships may be applied toward graduation. FILA general education: experiential learning.

Credits 3

Prerequisites

FILA-150 or FILA-350EW, junior or senior standing, and a minimum 2.0 grade point average

Term Offered

All Terms

Session Cycle

A

EDUC-490 : Independent Study

Upon approval of the department and the division head, a student with a cumulative grade point average of 2.20 or better may engage in an independent study or research project. One desiring to pursue independent study or research must submit a written description of the proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. At the end of the semester, the supervising professor files with the registrar a grade for the student and a description of the work accomplished. Credit may be received for no more than three independent studies or research projects.

Credits 3

Prerequisites

Completed application submitted to registrar's office

Term Offered

All Terms

Session Cycle

A

EDUC-491 : Research

Upon approval of the department and the division head, a student with a cumulative grade point average of 2.20 or better may engage in an independent study or research project. One desiring to pursue independent study or research must submit a written description of the proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. At the end of the semester, the supervising professor files with the registrar a grade for the student and a description of the work accomplished. Credit may be received for not more than three independent studies or research projects.

Credits 3

Prerequisites

Completed application submitted to registrar's office

Term Offered

All Terms

Session Cycle

A

EDUC-499 : Honors Project

An honors project is one in which a student researches a subject, by examination of relevant literature or by experimentation or both; the student reports the results in an accurately documented and well-written paper or appropriate representation of the work. Whenever the study deals with the subject of an established course, the student is expected to go well beyond the usual work of the course in research and in assimilation of the results as revealed in the report. Juniors and seniors with a cumulative grade point average of 3.40 or above may register for an honors project. One desiring to pursue an honors project must submit a written description of his or her proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. Upon the completion of the honors project, the student must present an oral defense of his or her project. The final grade must include a satisfactory performance on the oral defense, assessed by a three-faculty member team. The project advisor will authorize the make-up of the oral defense team and will assign the final grade on the project. The honors project title will be noted on the student's transcript. It is the student's responsibility to provide a copy of the written paper or appropriate representation of the work to the library in compliance with specifications approved by the Council on Education. The library director arranges for binding and storage.
Credits 3
Prerequisites
Completed application submitted to registrar's office
Term Offered
All Terms
Session Cycle
A

SPED-200 : Working with Individuals Learning Differences

An overview of characteristics of individuals with learning differences and provides strategies to create equitable educational and workplace environments.
Credits 3
Term Offered
May Term
Session Cycle
M

SPED-210 : General Education Teachers and Special Needs Learners

Theory and practice related to what general education teachers need to know as they work with learners who are provided special education services. Emphasis is on implementing IEPs, providing accommodation and differentiation, and collaborating /co-teaching with special educators.
Credits 3
Prerequisites
EDUC-140; EDUC-200
Term Offered
Spring Only
Session Cycle
S

SPED-323 : American Sign Language I

Introduction to the fundamental elements of American Sign Language. Emphasis placed on development of basic expressive and receptive skills. Deaf culture, and history of ASL via lecture, video presentation, interactive dyads. No prerequisites: open to all students.
Credits 3
Term Offered
Fall Only
Session Cycle
F

SPED-324 : American Sign Language II

Emphasis on grammar, syntax, advanced lexicon of ASL. Continuance of receptive/expressive skills development and Deaf culture sensitivity. Minimum of 10 observations/ volunteer hours in Deaf community. Student presentation in ASL required. Offered alternate years.
Credits 3
Prerequisites
SPED-323
Term Offered
Spring Only
Session Cycle
S

World Languages & Cultures

FREN-101 : Elementary French I

Introduction to the structure and practice of modern French through the skills of speaking, listening, reading, writing and culture.
Credits 3
Term Offered
Fall and Spring
Session Cycle
FS

FREN-102 : Elementary French II

Introduction to the structure and practice of modern French through the skills of speaking, listening, reading, writing and culture.
Credits 3
Prerequisites
FREN-101 or placement
Term Offered
Fall and Spring
Session Cycle
FS

FREN-201 : Intermediate French I

Strengthening the skills of speaking, listening, reading, writing and culture at the intermediate level. Modern cultural and literary texts are included.
Credits 3
Prerequisites
FREN-102 or placement
Term Offered
Fall Only
Session Cycle
F

FREN-202 : Intermediate French I

Continued strengthening of the core skills with a practical approach. Emphasis given to augment professional competency in the language through career focused vocabulary and grammatical structures in key career fields. Modern cultural and literary texts are included.
Credits 3
Prerequisites
FREN-201 or placement
Term Offered
Spring Only
Session Cycle
S

FREN-214 : Accelerated Intermediate French

Continued strengthening of the core skills with a practical approach. Emphasis given to augment professional competency in the language through career focused vocabulary and grammatical structures in key career fields. Modern cultural and literary texts are included. Credit may not be received for both FREN-202 and FREN-214.
Credits 3
Prerequisites
FREN-102 or placement
Term Offered
Fall and Spring
Session Cycle
FS

FREN-300 : Special Cultural Topics in English

Study of contemporary topics and world issues related to the cultures of the French-speaking world. Explores political, social and economic structures through literature, film, the visual arts and/or music. Taught in English. FILA general education: global dynamics.
Credits 3
Term Offered
May Term
Session Cycle
M

FREN-305X : French Life and Cultures

An introduction to the life, culture, and history of France. Through homestays with families, daily language classes and various excursions, students will be immersed in the life and culture of France to experience firsthand the French lifestyle through its art, food, music, marketplaces, historical landmarks, and landscapes. FILA general education: world cultures and experiential learning.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; FREN-101
Term Offered
May Term
Session Cycle
M

FREN-307 / HIST-307 : Cultural Memory of the World Wars

This interdisciplinary travel course (World Languages and Cultures/History) examines the history and diverse cultural memory of the First and Second World Wars in Britain, France, and Belgium. While gaining firsthand experience of contemporary culture and society in theses western European nations, the class will focus on specific sites of memory and history of these conflicts, including London, Paris, Normandy, the Somme, Verdun, and southern Belgium. Studying both literature and historical documents, students will gain an intimate knowledge of the landscapes, experiences, and legacies of the world wars within the discreet cultural contexts of Britain, France, and Belgium. FILA general education: world cultures. (Cross-listed as HIST-307)
Credits 3
Prerequisites
FILA-150 or FILA-350EW; permission of instructor
Term Offered
May Term
Session Cycle
M

FREN-308 : Francophone Cultural Studies

Travel course requiring immersion homestay and language courses. Covers themes of Francophone Caribbean societies and cultures within their social and political contexts. Includes excursions to several different islands to gain a greater awareness of the varied societies within these regional contexts.
Credits 3
Term Offered
May Term
Session Cycle
M

FREN-310 : Advanced Grammar and Composition

Study and analysis of advanced grammatical structures, translation exercises and composition work.
Credits 3
Prerequisites
FREN-202 or permission of instructor
Term Offered
Fall Only
Session Cycle
F

FREN-315 : Special Topics in Writing

Provides the tools to develop and enhance students' writing skills. Focuses on the skills involved in writing in a second language. Through a variety of writing techniques and reading material, such as newspaper and magazine articles, essays, among others, students broaden their vocabulary and learn how to write creatively and critically. May be taken more than once provided different topics are covered.
Credits 3
Prerequisites
FREN-202 or permission of instructor
Term Offered
Fall and Spring
Session Cycle
FS

FREN-317 / ENG-317 / SPAN-317 : ESL and World Language Teaching

Covers materials on instructional practice and student assessment as they relate to the teaching of English as a Second Language (ESL) and foreign languages. Material and discussions are focused on the central theme of how to contextualize language instruction and how to run a proficiency-oriented classroom. Taught in English. Required for students seeking ESL endorsement. Strongly recommended for students preparing to teach Spanish. (Cross-listed as ENG-317 and SPAN-317)
Credits 3
Prerequisites
ENG-110
Term Offered
Fall Only
Session Cycle
F

FREN-320 : Advanced Conversation & Diction

Expansion of listening and speaking skills. A study of French phonetics to improve pronunciation skills. Emphasis on development of oral communication skills sufficient to discuss complex issues and express abstract ideas.
Credits 3
Prerequisites
FREN-202 or permission of instructor
Term Offered
Fall Only
Session Cycle
F

FREN-325 : Art of Conversation

Reinforces more advanced syntactical structures of the language. Further develops these and vocabulary through expository, persuasive, argumentative and debate style speaking.
Credits 3
Prerequisites
FREN-202
Term Offered
Fall Only
Session Cycle
F

FREN-330 : Special Topics in Conversation

Provides a practical opportunity to enhance students' oral and aural skills. Focus may include the discussion of practical topics related to careers such as medical, business, journalism, etc.
Credits 3
Prerequisites
FREN-202
Term Offered
Fall and Spring
Session Cycle
FS

FREN-335W / ENG-335W : French Literature in Translation

Selected readings of the fiction, drama, poetry, and non-fiction prose of French literature. Includes study of French political and cultural history as a way to examine recurring themes, innovation, and movements in literature. FILA general education: literature and writing intensive. (Cross-listed as ENG-335W)
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Spring Only
Session Cycle
S

FREN-340 : French Culture and Civilization

Introduction to French culture and its Revolution. Emphasis is on the intellectual, artistic, political, social, economic, and educational factors. Taught in French. FILA general education: world cultures.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; FREN-202; or permission of instructor
Term Offered
Spring Only
Session Cycle
S

FREN-345 : Modern French Cultures

Introduction to French culture and its historical development after the Fall of the Ancient Regime and a study of modern-day France, including geography, and consideration of intellectual, artistic, political, social, economic and educational factors. Taught in French. FILA general education: world cultures.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; FREN-202; or permission of instructor
Term Offered
Spring Only
Session Cycle
S

FREN-350 : Special Topics in Culture

Study of specific topics related to the French language, culture and civilization. May be taken more than once provided different topics are covered. Taught in French. FILA general education: world cultures.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; FREN-202; or permission of instructor
Term Offered
Fall and Spring
Session Cycle
FS

FREN-355 : Special Topics in Fine Arts

Study of specific topics related to Fine Arts, including theatre, visual arts, cinema, and music. May be taken more than once provided different topics are covered. Taught in English. May be taken for credit for French major/minor/concentration if language requirements are met. FILA general education: fine arts and music.
Credits 3
Prerequisites
FILA-150 or FILA-350EW
Term Offered
Fall and Spring
Session Cycle
FS

FREN-360E : Introduction to French Thought

A survey of French thought, drawing together the evolution of French culture through study of representative philosophers and theologians. Taught in English. FILA general education: philosophy or religion and ethical reasoning.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Spring Only
Session Cycle
S

FREN-401W : Survey of French Literature I

Representative French authors from the Middle through the 18th-century including social and historical background. Taught in French. FILA general education: literature and writing intensive.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Spring Only
Session Cycle
S

FREN-402W : Survey of French Literature II

Representative French authors from the 19th and 20th centuries. Social and historical background is included. Taught in French. FILA general education: literature and writing intensive.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Spring Only
Session Cycle
S

FREN-403W : Survey of Francophone Literature

Writings of representative Francophone authors (African, Caribbean, Quebecois), primarily of short stories, poetry and plays. Taught in French. FILA general education: literature and writing intensive.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Spring Only
Session Cycle
S

FREN-410 : Special Topics in Literature

Study of a specific literary topic. Topics may include a focus on French and/or Francophone genres, movements or regional studies. May be taken more than once provided different topics are covered. Taught in French.
Credits 3
Prerequisites
FREN-202 or permission of instructor
Term Offered
Fall and Spring
Session Cycle
FS

FREN-480X : Internship

Provides an opportunity for a student to gain field experience in an area related to the student's program of study or career goals. The learning objectives for internships include connecting academic knowledge and problem-solving processes to experiences and problems in professional settings. Supervision of an intern is provided by an appropriate faculty member and by a site supervisor of the agency or business in which the student is an intern. A student who wishes to engage in an internship must consult with the appropriate faculty member at least eight weeks in advance of the start of the term in which the internship is to be completed. A description of the internship, signed by the student and the faculty sponsor, must be filed with the director of internships by the first day of the semester prior to the start of the internship. Approval of each application for an internship is made by the director of internships based upon approved policies and guidelines. Internships are graded on an S or U basis. Students must complete 120 hours of internship-related work as well as weekly journal entries and a final reflective paper completed in accordance with approved requirements. A student may enroll in an internship program for 3 credits per semester, and internship credit may be earned in subsequent semesters subject to the limitations that no more than two internships may be pursued in any one agency or business and a maximum of 9 credits in internships may be applied toward graduation. FILA general education: experiential learning.
Credits 3
Prerequisites
FILA-150 or FILA-350EW, junior or senior standing, and a minimum 2.0 grade point average
Term Offered
All Terms
Session Cycle
A

FREN-490 : Independent Study

Upon approval of the department and the division head, a student with a cumulative grade point average of 2.20 or better may engage in an independent study or research project. One desiring to pursue independent study or research must submit a written description of the proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. At the end of the semester, the supervising professor files with the registrar a grade for the student and a description of the work accomplished. Credit may be received for no more than three independent studies or research projects.
Credits 3
Prerequisites
Completed application submitted to registrar's office
Term Offered
All Terms
Session Cycle
A

FREN-491 : Research

Upon approval of the department and the division head, a student with a cumulative grade point average of 2.20 or better may engage in an independent study or research project. One desiring to pursue independent study or research must submit a written description of the proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. At the end of the semester, the supervising professor files with the registrar a grade for the student and a description of the work accomplished. Credit may be received for not more than three independent studies or research projects.
Credits 3
Prerequisites
Completed application submitted to registrar's office
Term Offered
All Terms
Session Cycle
A

FREN-499 : Honors Project

An honors project is one in which a student researches a subject, by examination of relevant literature or by experimentation or both; the student reports the results in an accurately documented and well-written paper or appropriate representation of the work. Whenever the study deals with the subject of an established course, the student is expected to go well beyond the usual work of the course in research and in assimilation of the results as revealed in the report. Juniors and seniors with a cumulative grade point average of 3.40 or above may register for an honors project. One desiring to pursue an honors project must submit a written description of his or her proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. Upon the completion of the honors project, the student must present an oral defense of his or her project. The final grade must include a satisfactory performance on the oral defense, assessed by a three-faculty member team. The project advisor will authorize the make-up of the oral defense team and will assign the final grade on the project. The honors project title will be noted on the student's transcript. It is the student's responsibility to provide a copy of the written paper or appropriate representation of the work to the library in compliance with specifications approved by the Council on Education. The library director arranges for binding and storage.
Credits 3
Prerequisites
Completed application submitted to registrar's office
Term Offered
All Terms
Session Cycle
A

GER-101 : Elementary German I

Introduction to the structure and practice of modern German through the skills of speaking, listening, reading, writing and culture.
Credits 3
Term Offered
Fall and Spring
Session Cycle
FS

GER-102 : Elementary German II

Introduction to the structure and practice of modern German through the skills of speaking, listening, reading, writing and culture.
Credits 3
Prerequisites
GER-101 or placement
Term Offered
Fall and Spring
Session Cycle
FS

GER-201 : Intermediate German I

Strengthening the skills of speaking, listening, reading, writing and culture at the intermediate level. Modern cultural and literary texts are included.
Credits 3
Prerequisites
GER-102 or placement
Term Offered
Fall and Spring
Session Cycle
FS

GER-202 : Intermediate German II

Strengthening the skills of speaking, listening, reading, writing and culture at the intermediate level. Modern cultural and literary texts are included.
Credits 3
Prerequisites
GER-201 or placement
Term Offered
Fall and Spring
Session Cycle
FS

GER-214 : Accelerated Intermediate German

Continued strengthening of the core skills with a practical approach. Emphasis given to augment professional competency in the language through career focused vocabulary and grammatical structures in key career fields. Modern cultural and literary texts are included. Credit may not be received for both GER-202 and GER-214. FILA General Education: world cultures through language.
Credits 3
Prerequisites
GER-102 or placement
Term Offered
Spring Only
Session Cycle
S

GER-224W : Introduction to German Studies

This course provides a broad introduction to German history and culture and to the field of German Studies. Taught in English, it is an ideal course for those with a general interest in history and culture of German-speaking countries. FILA general education: world cultures and writing intensive.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Spring Only
Session Cycle
S

GER-300 : Special Topics in English

Study of contemporary topics and world issues related to the cultures of the German-speaking world. Explores political, social and economic structures through literature, film, the visual arts and/or music. Taught in English. FILA general education: global dynamics.
Credits 3
Prerequisites
FILA-150 or FILA-350EW
Term Offered
May Term
Session Cycle
M

GER-305X : German-Speaking Cultures

Study of German cultures and media by traveling to German-speaking countries, such as Germany, Austria or Switzerland and other relevant European sites. FILA general education: world cultures and experiential learning.
Credits 3
Prerequisites
FILA-150 or FILA-350EW
Term Offered
May Term
Session Cycle
M

GER-334W / ENG-334W : German Literature in Translations

Study of German-language fiction, non-fiction, drama, and poetry. Additionally, students will gain knowledge of Germanic political, cultural, and literary histories. FILA general education: literature and writing intensive. (Cross-listed as ENG-334W)
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110
Term Offered
Fall Only
Session Cycle
F

GER-434 : German Culture Through Film

Through film, this course introduces students to a variety of cultural issues. Topics may include current implications of Germany's Nazi-past, post-war and post-unification eras, and German- Turkish identities, as portrayed in films by directors such as Werner Herzog, Margarethe von Trotta, Fatih Akin, and Florian Henckel von Donnersmarck. Students will explore political and economic structures as well as gender and social questions in modern Germany. Taught in English FILA general education: global dynamics.
Credits 3
Prerequisites
FILA-150 or FILA-350EW
Term Offered
Fall Only
Session Cycle
F

GER-490 : Independent Study

Upon approval of the department and the division head, a student with a cumulative grade point average of 2.20 or better may engage in an independent study or research project. One desiring to pursue independent study or research must submit a written description of the proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. At the end of the semester, the supervising professor files with the registrar a grade for the student and a description of the work accomplished. Credit may be received for no more than three independent studies or research projects.
Credits 3
Prerequisites
Completed application submitted to registrar's office
Term Offered
Fall and Spring
Session Cycle
FS

GER-491 : Research

Upon approval of the department and the division head, a student with a cumulative grade point average of 2.20 or better may engage in an independent study or research project. One desiring to pursue independent study or research must submit a written description of the proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. At the end of the semester, the supervising professor files with the registrar a grade for the student and a description of the work accomplished. Credit may be received for not more than three independent studies or research projects.
Credits 3
Prerequisites
Completed application submitted to registrar's office
Term Offered
All Terms
Session Cycle
A

LANG-101 : Exploration of World Languages I

Provides elementary introduction to a Non-European language and culture. Some examples could be, but not limited to: Arabic; Mandarin; Japanese; or other languages in demand. This course will provide an elementary understanding of alphabet/character set, pronunciation, themed vocabulary, basic communicative skills and grammar along with cultural knowledge, etc. Arabic is currently offered on-campus.
Credits 3
Term Offered
Fall Only
Session Cycle
F

LANG-102 : Exploration of World Languages II

Provides elementary introduction to a Non-European language and culture. Some examples could be, but not limited to: Arabic; Mandarin; Japanese; or other languages in demand. This course will provide an elementary understanding of alphabet/character set, pronunciation, themed vocabulary, basic communicative skills and grammar along with cultural knowledge, etc. Arabic is currently offered on-campus.
Credits 3
Prerequisites
LANG-101
Term Offered
Spring Only
Session Cycle
S

LANG-201 : Exploration of World Languages III

Provides an intermediate level introduction to a non-European language and culture. Examples include, but are not limited to: Arabic, Mandarin, Japanese or other languages in demand. Provides an intermediate understanding of alphabet/character set, pronunciation, themed vocabulary, basic communicative skills and grammar, along with cultural knowledge, etc. Arabic is currently offered on-campus.
Credits 3
Prerequisites
LANG-102; sophomore standing for non-Bridgewater based courses
Term Offered
Fall Only
Session Cycle
F

LANG-202 : Exploration of World Languages IV

Provides a continuation of an intermediate level introduction to a non-European language and culture. Examples include, but are not limited to: Arabic, Mandarin, Japanese or other languages in demand. Provides an intermediate understanding of alphabet/character set, pronunciation, themed vocabulary, basic communicative skills and grammar, along with cultural knowledge, etc. Arabic is currently offered on-campus.
Credits 3
Prerequisites
LANG-201; sophomore standing for non-Bridgewater based courses
Term Offered
Spring Only
Session Cycle
S

SPAN-101 : Elementary Spanish I

Introduction to the structure and practice of modern Spanish through the skills of speaking, listening, reading, writing and culture.
Credits 3
Term Offered
Fall and Spring
Session Cycle
FS

SPAN-102 : Elementary Spanish II

Introduction to the structure and practice of modern Spanish through the skills of speaking, listening, reading, writing and culture.
Credits 3
Prerequisites
SPAN-101 or placement
Term Offered
Fall and Spring
Session Cycle
FS

SPAN-201 : Intermediate Spanish I

Strengthening the skills of speaking, listening, reading, writing and culture at the intermediate level. Modern cultural and literary texts are included.
Credits 3
Prerequisites
SPAN-102 or placement
Term Offered
Fall Only
Session Cycle
F

SPAN-202 : Intermediate Spanish II

Continued strengthening of core skills with a practical approach. Emphasis given to augment professional competency in the language through career focused vocabulary and grammatical structures in key career fields. Modern cultural and literary texts are included.
Credits 3
Prerequisites
SPAN-201 or placement
Term Offered
Spring Only
Session Cycle
S

SPAN-300 : Special Cultural Topics in English

Study of contemporary topics and world issues related to the cultures of the Spanish-speaking world. Explores political, social and economic structures through literature, film, the visual arts, and/or music. Taught in English. Credit available for Spanish majors and minors upon completion of a Spanish language component. FILA general education: world cultures.
Credits 3
Prerequisites
FILA-150 or FILA-350EW
Term Offered
May Term
Session Cycle
M

SPAN-301X : Hispanic Migrations Through Film and Literature

Through a combination of films, short-stories, in-class discussions, and personal interviews with immigrants in our communities, this course is designed to provoke reflection and dynamic discussions about migration in and from Spanish speaking countries. This class will focus on migration from: 1) African countries to Spain, 2) Spain to other European and Latin American countries, 3) South and Central American countries to North America, and 4) migrations between Latin American countries and the Caribbean. FILA general education: global dynamics and experiential learning.
Credits 3
Prerequisites
FILA-150 or FILA-350EW
Term Offered
May Term
Session Cycle
M

SPAN-304X : Peruvian Life and Culture

This course is an immersive experience in the life, language, culture, and history of Peru. Students will develop an understanding of the ways that Peruvian society manages interactions and sustains relationships with other cultures. Through study of texts, history and art and through interaction with a variety of communities, students will gain an understanding of Peruvian culture. They will reflect on differences of culture and integrate knowledge and skills from across the disciplines. The first week of this course is based in the capital, Lima, and the second week includes travel to Cuzco, Puno, Uros & Taquile Islands, and Machu Picchu. Students will have firsthand experience of the Peruvian lifestyle through its art, food, music, marketplaces, historical landmarks, and its landscapes. Knowledge of Spanish is not required. FILA general education: global dynamics and experiential learning.
Credits 3
Prerequisites
FILA-150 or FILA-350EW
Term Offered
May Term
Session Cycle
M

SPAN-305 : Culture of Costa Rica

Travel course requiring immersion homestay and language courses in the capital city. Covers themes of Central American life and cultures. Includes excursions out of the city to gain a greater awareness of the whole society within the regional context. FILA general education: world cultures.
Credits 3
Prerequisites
FILA-150 or FILA-350EW
Term Offered
May Term
Session Cycle
M

SPAN-306 : Culture of Mexico

Travel course designed as a total immersion cultural experience. Classes in language, conversation and culture taken at a Mexican university in Cuernavaca. Students live with families. Includes weekend excursions and visits to museums. Taught in Spanish.
Credits 3
Term Offered
May Term
Session Cycle
M

SPAN-307X : Cuban Life & Culture

Travel course to Cuba. The first two weeks will be spent in Havana with daily language and culture classes, excursions around the city to museums, musical events, and other relevant cultural activities. Students will stay with a host family in pairs in Havana. Week three will be spent traveling around the island to see and study Caribbean architecture and colonial heritage. FILA general education: global dynamics and experiential learning.
Credits 3
Prerequisites
FILA-150 or FILA-350EW
Term Offered
May Term
Session Cycle
M

SPAN-308X : Spanish Life and Culture

This course is an introduction to the life, culture, and history of Spain. Through homestays with families, daily language classes, and various excursions, students will be immersed in the life and culture of Spain to experience firsthand the Spanish lifestyle through its art, food, music, marketplaces, historical landmarks and landscapes. General education: world cultures and experiential learning.
Credits 3
Prerequisites
FILA-150 or FILA-350EW
Term Offered
May Term
Session Cycle
M

SPAN-309X : Argentinean Life and Culture

This course is a 10-day travel course to Argentina. The first six days will be spent in Buenos Aires with daily cultural excursions around the city to museums, musical events, dance lessons, and other relevant cultural activities. Students will stay in a hotel in the city, in pairs. While in Buenos Aires, students will complete research and critical analysis projects on the impact of dictatorial rule during the second half of the Twentieth Century in Argentina and the sociopolitical and cultural changes in the country since the end of Videla's regime. To this end, students will visit landmarks such as the Plaza de Mayo and similar memorial sites and explore their historical significance and connections to literature and other cultural products of Argentina. The last four days of the trip will be spent at the Iguaz Falls, on the border with Brazil and Paraguay. We will visit Iguaz to see and study salient geographic and cultural features of the region in contrast to the more urbanized environment of Buenos Aires, and the cultural, historical, and economic connections between both. FILA general education: global dynamics and experiential learning.
Credits 3
Prerequisites
FILA-150 or FILA-350EW
Term Offered
May Term
Session Cycle
M

SPAN-310 : The Structure of Spanish

This course introduces students to the linguistic structure of Spanish. By allowing students to solve problem sets, write papers, make oral presentations, and lead in-class discussions, students will learn the main aspects of the morphological and syntactic structure (words and sentences) of Spanish. Furthermore, this course introduces the history of the Spanish language, in other words, how Spanish evolved from Latin. This course will be taught in Spanish.
Credits 3
Prerequisites
SPAN-202 or permission of instructor
Term Offered
Fall Only
Session Cycle
F

SPAN-315 : Special Topics in Writing

Provides the tools to develop and enhance students' writing skills. Focuses on the skills involved in writing in a second language. Through a variety of writing techniques and reading material, such as newspaper and magazine articles, essays, among others, students broaden their vocabulary and learn how to write creatively and critically. May be taken more than once provided different topics are covered.
Credits 3
Prerequisites
SPAN-202 or permission of instructor
Term Offered
Fall and Spring
Session Cycle
FS

SPAN-316X : Spanish Translation for the Professions

The goal of this class is to improve students' mastery and understanding of the Spanish language through the activity of translating texts from Spanish to English and from English to Spanish. In this class, students will: 1) Study theoretical and practical issues relating to the process of translation, 2) Analyze good and poor examples of translation, 3) Learn strategies for creating effective, communicative translations that faithfully convey the original message, 4) Practice translating complex, contextual, and cultural documents, and 5) Work with a local non-profit organization to offer translating services in order to understand the practical realities involved in translating for a specific audience. Ultimately, this course will help students to improve their communicative abilities in Spanish and English through critical reflection on the components of public communication and its translation. FILA general education: experiential learning.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; SPAN-202
Term Offered
Spring Only
Session Cycle
S

SPAN-317 / ENG-317 / FREN-317 : ESL and World Language Teaching

Covers materials on instructional practice and student assessment as they relate to the teaching of English as a Second Language (ESL) and foreign languages. Material and discussions are focused on the central theme of how to contextualize language instruction and how to run a proficiency-oriented classroom. Taught in English. Required for students seeking ESL endorsement. Strongly recommended for students preparing to teach Spanish. (Cross-listed as ENG-317 and FREN-317)
Credits 3
Prerequisites
ENG-110
Term Offered
Fall Only
Session Cycle
F

SPAN-320 : Advanced Conversation and Diction

Develops and improves oral and listening skills, broadens vocabulary and strengthens grammar. Engages students in functional daily conversations and expression of opinions on culture and current issues. Includes writing component related topics in the readings.
Credits 3
Prerequisites
SPAN-202 or permission of instructor
Term Offered
Spring Only
Session Cycle
S

SPAN-325 : Art of Conversation

Reinforces more advanced syntactical structures of the language. Further develops these and vocabulary through expository, persuasive, argumentative and debate style speaking.
Credits 3
Prerequisites
SPAN-202 or permission of instructor
Term Offered
Spring Only
Session Cycle
S

SPAN-330 : Spanish Conversation for Social Justice

Increases students' cultural competency and enhances their Spanish oral and aural skills through conversation-based lessons and activities focused on social justice topics such as immigration, citizenship, labor practices, globalization, and public policy, among others. Course includes a final project where students use their acquired conversation skills to interview members of Latinx non-profits and social organizations locally.
Credits 3
Prerequisites
SPAN-202 or permission of instructor
Term Offered
Fall and Spring
Session Cycle
FS

SPAN-340 : Spanish Culture and Civilization

The historical development of Spain, including consideration of geography, as well as political, social, economic, intellectual, and artistic factors. Taught in Spanish. FILA general education: world culture.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; SPAN-202; or permission of instructor
Term Offered
Spring Only
Session Cycle
S

SPAN-345 : Latin American Culture and Civilization

The historical development of Spanish-speaking and Latin America including consideration of geography as well as political, social, economic, intellectual, and artistic factors. Taught in Spanish. FILA general education: world cultures.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; SPAN-202; or permission of instructor
Term Offered
Spring Only
Session Cycle
S

SPAN-350 : Special Topics in Culture

Study of specific topics related to the Hispanic language, culture and civilization. Recent topics include, Hispanics in the U.S. Regional Studies, etc. May be taken more than once provided different topics are covered. Taught in Spanish.
Credits 3
Prerequisites
SPAN-202 or permission of instructor
Term Offered
Fall and Spring
Session Cycle
FS

SPAN-351 : Latin American Science Fiction

This course will explore the development of the science fiction genre in various Latin American countries and how the unique sociopolitical and cultural contexts of this region have produced sci-fi literature, comics, and films that stand apart from their canonical English-language counterparts. We will examine the evolution of Latin American science fiction production from its first manifestations in colonial literature to present-day cultural products, focusing on how each literary era reflects and engages with major sociohistorical changes in Latin America. Through critical reading of Latin American sci-fi novels, short stories, comics, and films, students will identify and discuss issues of historical memory, gender, race, politics, mass media, globalization, religion, social justice and how these relate to the authors and countries we will study. Primary sources (literary works, film) will be in Spanish, while textbook(s) and supplemental academic materials (articles, critical theory chapters) may include both Spanish and English. Class will be conducted in Spanish. FILA general education: world cultures.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; SPAN-202
Term Offered
Fall Only
Session Cycle
F

SPAN-352W : Hispanic Masculinities

This course will examine the social construction of masculinity in the Hispanic world. We will read about and study concepts such as honor, shame, sexual identity, machismo and their correlated societal effects. We will also research and discuss the topics of gender relations and sexuality and how these themes intersect with issues of race, class, and politics. We will explore the construction of masculinity in specific areas such as sports (futbol) and dance (tango, salsa, etc.). Our readings will primarily be in Spanish but will come from Spain, Central and South America, and also the United States. FILA general education: world cultures and writing intensive.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; ENG-110; SPAN-202
Term Offered
Fall Only
Session Cycle
F

SPAN-353 : Spanish in the United States

An exploration of the linguistic diversity of the Latino communities in the United States, including an examination of the historical and linguistic processes that have shaped different varieties of Spanish spoken in the United States. Students will also examine language ideologies, language attitudes and the linguistic and social consequences of language contact and language change. This course is taught in Spanish.
Credits 3
Prerequisites
SPAN-202 or permission of instructor
Term Offered
Fall Only
Session Cycle
F

SPAN-355 : Special Topics in Fine Arts

Study of specific topics related to fine arts, including theatre, visual arts, cinema and music. May be taken more than once provided different topics are covered. Taught in Spanish. FILA general education: fine arts and music.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; SPAN-202
Term Offered
Fall and Spring
Session Cycle
FS

SPAN-356 : Hispanic Cinema

This course is a study of the history and production of cinema in the Hispanic world. It examines the development of the cinematic arts; studies examples of unique cultural cinematic production, and analyzes relevant techniques and historical contexts. FILA general education: fine arts and music.
Credits 3
Corequisites or Prerequisites
FILA-150 or FILA-350EW; SPAN-202
Term Offered
Fall and Spring
Session Cycle
FS

SPAN-401 : Spanish Literature

Representative authors, works, and literary movement of Spain, including social and historical background. Taught in Spanish. FILA general education: literature.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; SPAN-202
Term Offered
Fall Only
Session Cycle
F

SPAN-402 : Latin American Literature

Representative authors, works, and literary movements of Latin America, including social and historical background. Taught in Spanish. FILA general education: literature.
Credits 3
Prerequisites
FILA-150 or FILA-350EW; SPAN-202; or permission of instructor
Term Offered
Fall Only
Session Cycle
F

SPAN-410 : Special Topics in Literature

Study of a specific literary topic. Recent topics include Latin American short story, Generation of '98, and Hispanic women writers. May be taken more than once, provided different topics. Taught in Spanish.
Credits 3
Prerequisites
SPAN-202 or permission of instructor
Term Offered
Fall and Spring
Session Cycle
FS

SPAN-480X : Internship

Provides an opportunity for a student to gain field experience in an area related to the student's program of study or career goals. The learning objectives for internships include connecting academic knowledge and problem-solving processes to experiences and problems in professional settings. Supervision of an intern is provided by an appropriate faculty member and by a site supervisor of the agency or business in which the student is an intern. A student who wishes to engage in an internship must consult with the appropriate faculty member at least eight weeks in advance of the start of the term in which the internship is to be completed. A description of the internship, signed by the student and the faculty sponsor, must be filed with the director of internships by the first day of the semester prior to the start of the internship. Approval of each application for an internship is made by the director of internships based upon approved policies and guidelines. Internships are graded on an S or U basis. Students must complete 120 hours of internship-related work as well as weekly journal entries and a final reflective paper completed in accordance with approved requirements. A student may enroll in an internship program for 3 credits per semester, and internship credit may be earned in subsequent semesters subject to the limitations that no more than two internships may be pursued in any one agency or business and a maximum of 9 credits in internships may be applied toward graduation. FILA general education: experiential learning.
Credits 3
Prerequisites
FILA-150 or FILA-350EW, junior or senior standing, and a minimum 2.0 grade point average
Term Offered
All Terms
Session Cycle
A

SPAN-490 : Independent Study

Upon approval of the department and the division head, a student with a cumulative grade point average of 2.20 or better may engage in an independent study or research project. One desiring to pursue independent study or research must submit a written description of the proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. At the end of the semester, the supervising professor files with the registrar a grade for the student and a description of the work accomplished. Credit may be received for no more than three independent studies or research projects.
Credits 3
Prerequisites
Completed application submitted to registrar's office
Term Offered
All Terms
Session Cycle
A

SPAN-491 : Research

Upon approval of the department and the division head, a student with a cumulative grade point average of 2.20 or better may engage in an independent study or research project. One desiring to pursue independent study or research must submit a written description of the proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. At the end of the semester, the supervising professor files with the registrar a grade for the student and a description of the work accomplished. Credit may be received for not more than three independent studies or research projects.

Credits 3

Prerequisites

Completed application submitted to registrar's office

Term Offered

All Terms

Session Cycle

A

SPAN-499 : Honors Project

An honors project is one in which a student researches a subject, by examination of relevant literature or by experimentation or both; the student reports the results in an accurately documented and well-written paper or appropriate representation of the work. Whenever the study deals with the subject of an established course, the student is expected to go well beyond the usual work of the course in research and in assimilation of the results as revealed in the report. Juniors and seniors with a cumulative grade point average of 3.40 or above may register for an honors project. One desiring to pursue an honors project must submit a written description of his or her proposed work to the chair of the appropriate department and to the appropriate division head prior to the last day of the drop and add period for the semester in which the study is to be conducted. Upon the completion of the honors project, the student must present an oral defense of his or her project. The final grade must include a satisfactory performance on the oral defense, assessed by a three-faculty member team. The project advisor will authorize the make-up of the oral defense team and will assign the final grade on the project. The honors project title will be noted on the student's transcript. It is the student's responsibility to provide a copy of the written paper or appropriate representation of the work to the library in compliance with specifications approved by the Council on Education. The library director arranges for binding and storage.

Credits 3

Prerequisites

Completed application submitted to registrar's office

Term Offered

All Terms

Session Cycle

A